

Daily Rainfall form versions

Single-sided forms:

"136 Camden Road"	"62 Camden Square"	"K-1000/12/70"	"K-1500/12/71"
"K/1000/9/72"	"K/1000/12/72"	"K/1000/1/73"	"K/1500/12/73"
"K/3000/11/74"	"K/3000/12/75"	"K/3000/12/76"	"K/3000/1/78"
"K/3,000/12/78"	"K/3,000/12/79"	"K/3,000/12/81"	"K/3,000/12/82"
"K/3,000/12/83"	"K/3,000/11/84"	"K/3,000/12/85"	"K/3,000/11/86"
"K/3,000/11/87"	"K/3,000/11/88"	"K/3,000/1/90"	"K/3,000/12/90"
"K/3,000/11/91"	"K/3,000/10/92"	"K/3,000/10/93"	"K/3,000/12/94"
"K/4,000/9/95"	"K/4,000/12/96"	"K/4,000/10/97"	"K/4,000/12/98"
"K/4,000/1/99"	"K/3,000/12/00"	"K/4,000/12/01"	"K/4,000/11/02"
"K/5000/10/03"	"K/4000/12/04"	"K/5000/11/05"	"<1906>"
"6,000 XI '07"	"6,000 XI '08"	"6,000 V '09"	"7,000 X '09"
"9,000 IX '10"	"W 8,000 X '11"	"1,000 I '12"	"W 7,500 XI 12"
"W 7,000 XI 13"	"W 8,000 X 14"	"W 8,000 X 15"	"W 1,000 X 15"
"W 8,000 VIII 16"	"W 8,000 IX 17"	"W 6,500 VII 18"	"7500 10/19"
"500 10/19" [mm]	"10,000 7/20"	"1000 7/20" [mm]	"7000 11/21"
"750 11/21" [mm]	"8,000 9/22"	"375 9/22" [mm]	"9,000 8/23"
"375 8/23" [mm]			

Double-sided forms:

"10000 12/24"	"500 12/24" [mm]	"1000 2/25"	"11,500 12/25"
"1000 12/25" [mm]	"13000 9-26"	"1625 11-26" [mm]	"13000 9-27"
"1000 11-27" [mm]	"13,000 2/28"	"14,000 5/29"	"1,000 10/29" [mm]
"14,000 6/30"	"15,000 2/31"	"1,000 2/31" [mm]	"16000 8/32"
"15000 3/33"	"16,000 5/34"	"1000 5/34" [mm]	"15,000 2/35"
"1000 8/35" [mm]	"26,000 4/36"	"1,000 4/36" [mm]	"25,500 12/37"
"21,000 10/38"	"1,000 1/39" [mm]	"1,500 10/39" [mm]	"10,000 4/41"
"10,000 7/42"	"10,000 4/43"	"1,000 12/43" [mm]	"10,000 3/44"
"10,000 10/45"	"1,000 6/46" [mm]	"15,000 10/46"	"7,000 10/47"
"625 7/48" [mm]	"10,000 8/48"	"10,000 9/49"	"2/50"
"1,375 5/50" [mm]	"2/51"	"800 7/51" [mm]	"2/52"
"800 9/52" [mm]	"10/53" [mm]	"11/53"	"9/54"
"11/55"	"11/55" [mm]	"10/56"	"6/58"
"4/60"	"2/61"		

REGISTER OF RAINFALL IN 1869.

Kept at Birstow Leicestershire

by Miss Gilford

Latitude $52^{\circ} 39' 36'' N$

Time of Observation ... *9 A.M.*

Longitude $0^{\circ} 57' 0''$ E.

Height of Receiver
of Rain Gauge. { Above Ground
{ Above Sea Level.....

CONDENSED INSTRUCTIONS.—Place the gauge on the ground, quite clear of trees and walls, keep its orifice level, empty it daily at 9 a.m. and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "S" being prefixed. With a low temperature and high wind it is sometimes blown out of the funnel; take then one-twelfth of the average depth of snow and enter that as the yield of water, e.g., 2 inches snow = .17 of rain. When there is no rain a line should be drawn, rather than cyphers inserted.

REGISTER OF RAINFALL IN 1869

Kept at Nos 13 and R, 130 Wm, Lancashire by R. H. Ainsworth Esqr.

Latitude.....
Longitude

Time of Observation.. 9 A.M
Height of Receiver
of Rain Gauge

Above Ground	14. in -
Above Sea Level	

CONDENSED INSTRUCTIONS.—Place the gauge on the ground, quite clear of trees and walls, keep its orifice level, empty it daily at 9 a.m., and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "S" being prefixed. With a low temperature and high wind it is sometimes blown out of the funnel; take then one-twelfth of the average depth of snow and enter that as the yield of water, e.g., 2 inches snow = 17 of rain. When there is no rain a line should be drawn, rather than cyphers inserted.

Date. Jan. Feb. March. April. May. June. July. Aug. Sept. Oct. Nov. Dec.

in. in.

1	-15	-37	-42	-14	---	-3	---	-75	---	-4	-25	---
2	-24	-60	---	-77	-11	-15	---	-14	---	-6	-45	---
3	-18	-15	---	-4	-34	-5	---	-43	---	-35	-21	---
4	-32	---	-9	-1	---	-12	---	---	-4	-2	-30	---
5	--9	---	-1	-12	-4	---	-20	---	-36	---	-86	--3
6	--1	-1	---	-20	-61	---	-13	---	-14	---	-33	---
7	--6	101	-6	-39	-86	-5	---	165	---	-18	-49	---
8	---	-72	-5	-7	---	---	-20	-57	-23	-59	-44	---
9	---	-11	---	-11	-42	---	---	-35	-16	---	-8	---
10	--1	-33	---	---	---	---	---	-19	-47	-2	---	-34
11	--1	---	---	---	---	---	---	160	---	---	---	---
12	--1	6	---	---	---	---	---	55	-51	-25	-30	-29
13	---	---	---	---	---	-7	---	-3	-14	-23	-79	-22
14	--1	-35	---	-16	---	-69	-1	---	-36	-83	--3	-21
15	--1	---	---	-30	---	-44	---	-7	-80	-67	-12	-33
16	-57	-45	-14	-15	---	-18	---	---	-31	-20	--3	-58
17	--4	-1	---	-15	-16	-10	---	---	-4	-42	---	-99
18	--4	-10	-6	---	-52	-34	---	---	-48	-7	---	-53
19	---	-4	-58	-37	-23	---	---	---	-44	---	-61	-20
20	-12	-10	---	-65	-20	---	---	---	-9	-29	---	---
21	-22	---	-1	---	---	---	---	---	-8	---	-6	-12
22	---	---	---	---	---	---	5	---	-41	-14	---	---
23	---	-5	---	---	---	-2	---	-1	-71	-48	-44	-14
24	---	-72	---	-6	-8	---	---	---	-9	---	---	---
25	--31	-27	---	---	-1	---	-6	---	-2	-25	-35	---
26	-20	---	---	---	-13	---	-64	---	-32	---	-27	-20
27	--9	-37	-2	---	---	-8	---	---	-9	---	-7	---
28	-23	-50	---	---	---	---	---	---	-80	---	-5	-50
29	-16	---	-7	---	---	-34	---	115	-71	-40	---	-1
30	-13	---	---	---	-11	---	-2	---	-22	---	---	-12
31	-56	---	---	---	---	---	---	---	---	-13	---	-7
Totals	377	632	151	369	382	232	165	474	1006	593	693	488
Total from Jan. 1	5	5	5	5	5	5	5	5	5	5	5	5
												55-62

Observers will oblige by sending duplicates of this Register, or even the monthly totals, to Mr. G. J. Symons, of 62, Camden Square, London, N.W., for insertion in his annual tables of British Rainfall, which now contain returns from more than 1500 stations.

REGISTER OF RAINFALL IN 1869																		
Att, Yorkshire. by Alfred M. Box.																		
Longitude	W. 1° 37' 57"	Time of Observation	8-20 A.M.	Height of Receiver of Rain Gauge	Above Ground 3 inches													
Latitude 53° 35' 9"																		
CONDENSED INSTRUCTIONS.—Fix the gauge firmly, with its orifice level and 1ft. above the ground, quite clear of trees and walls, empty it daily at 9 a.m., and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "S" being prefixed. With a low temperature and high wind it is sometimes blown out of the funnel; take then one-twelfth of the average depth of snow and enter that as the yield of water, e.g., 2 inches snow=17 of rain. When there is no rain a line should be drawn, rather than cyphers inserted.																		
Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.						
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.						
1	0.29	0.36	0.33	0.50	0.01						
2	0.17	0.27	0.15	0.51	0.27	0.05	0.20	0.23						
3	0.11	0.02	0.84	0.20	0.01	0.07	0.08						
4	0.34	0.04	0.01	0.01	0.02	0.17	0.17	0.13						
5	0.14	0.02	0.04	0.30	0.37	0.36 0.03						
6	0.01	0.04	0.04	0.72	0.01	0.15	0.06						
7	0.91	0.30	0.72	0.12	0.05	0.09	0.03						
8	0.65	0.12	0.09	0.01	0.37	0.24	0.01						
9	0.31	0.01	0.08	0.26	0.08	0.09	0.01	0.05						
10	0.55	0.02	0.26	0.28	0.06	0.15						
11	0.01	0.65	0.08						
12	0.02	0.23	0.37	0.02	0.08	0.05						
13	0.04	0.08	0.15	0.08	0.62	0.12						
14	0.03	0.11	0.02	0.15	0.16	0.13	0.28	0.01	0.29						
15	0.07	0.01	0.07	0.25	0.44	0.29	0.01	0.43						
16	0.18	0.16	0.09	0.36	0.01	0.10	0.30	0.34						
17	0.04	0.04	0.01	0.12	0.34	0.04	0.02	0.08	0.44						
18	0.08	0.18	0.29	0.76	0.05	0.60						
19	0.56	0.06	0.49	0.04	0.36	0.01	0.15						
20	0.02	0.07	0.14	0.01	0.01						
21	0.36	0.02	0.06	0.01	0.05	0.22	0.07						
22	0.02	0.02	0.06	0.03	0.15						
23	0.09	0.02	0.27	0.02						
24	0.18	0.01	0.11	0.10	0.03						
25	0.05	0.05	0.08	0.01	0.04	0.07	0.01						
26	0.12	0.08	0.05	1.30?	0.19	0.05	0.06	0.16						
27	0.02	0.52	0.07?	0.01	0.04	0.01						
28	0.32	0.38	0.17	0.23	0.09	0.05						
29	0.22	0.01	0.05	0.08	0.12	0.30	0.42						
30	0.32	0.01	0.11	0.33	0.02	0.13						
31	0.20	0.01						
Totals	3.03	4.75	1.88?	1.92	5.47?	0.89	0.40	1.99	4.89	2.11	3.25	3.55						
Total from Jan. 1	3.03	7.78	9.66?	11.58?	17.05?	17.94?	18.34?	20.33?	25.22?	27.33?	30.58?	34.13?						
K-1000/12/70. Wedday 20	20	21	11	16	9	6	11	22	16	23	25							

REGISTER OF RAINFALL IN 1877

Kept at Merton Villa, Cambridge by G. Warren
 Latitude 52° 13' N. 19.87 Height of Receiver of Rain Gauge
 Longitude 0° 8' E. Time of Observation 9 a.m. Above Ground 1 foot
 Above Sea Level 40 feet

CONDENSED INSTRUCTIONS.—Fix the gauge firmly, with its orifice level and 1 ft. above the ground, quite clear of trees and walls, empty it daily at 9 a.m., and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "8" being prefixed. With a low temperature and high wind it is sometimes blown out of the funnel; take then one-twelfth of the average depth of snow and enter that as the yield of water, e.g., 2 inches snow = .17 of rain. When there is no rain a line should be drawn, rather than cyphers inserted.

Observers will oblige by sending duplicates of this Register, or even the monthly totals, to Mr. G. J. Symons, of 62, Camden Square, London, N.W., for insertion in his annual tables of British Rainfall, which now contain returns from more than 1500 stations.

Additional copies of this form (price 3d. each) can be obtained of the above, from Mr. STANFORD, 6 & 7, Charing Cross, and from all the leading Opticians.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1	—	.06	—	—	—	—	—	—	—	.11	—	.01
2	—	—	—	.08	—	.01	.61	—	—	.05	—	—
3	—	.16	—	.04	.05	.17	.10	—	—	—	.02	—
4	—	.14	—	—	—	.06	.11	.08	—	—	—	.03
5	.05	—	—	—	—	—	.09	—	—	—	—	—
6	.01	—	.05	—	—	—	—	—	.23	.02	—	.03
7	—	.38	.09	—	—	—	.02	—	—	.12	.03	.03
8	.01	—	—	—	—	.03	—	—	.44	—	.03	—
9	S. .04	.09	.20	—	.02	.01	.01	—	.04	—	—	—
10	—	.33	.05	—	—	—	.62	—	—	—	—	—
11	S. .03	—	—	.18	—	—	.12	—	—	—	.04	—
12	—	.02	—	—	—	—	.09	—	—	—	—	—
13	—	—	.07	—	—	.10	—	—	—	—	—	.06
14	—	—	.18	.17	—	.31	—	—	—	—	.45	.02
15	.11	—	.54	.43	—	.21	—	—	—	—	—	—
16	.04	.03	.01	.01	.01	.19	—	.09	—	—	.08	.01
17	—	—	—	.23	.01	1.26	—	.24	—	—	—	—
18	.03	—	—	.47	.10	—	—	—	—	—	—	—
19	—	.01	—	.04	.07	.14	.06	—	—	.10	—	.05
20	—	.03	—	.02	—	.20	.05	.05	—	.16	—	.09
21	—	.01	—	—	—	.13	.01	—	—	.19	—	.02
22	—	—	—	.14	—	.42	.02	—	—	—	.01	.04
23	.17	—	—	.02	—	.03	.05	—	.58	—	—	—
24	—	—	—	—	—	.01	.22	.03	.17	.01	—	—
25	.01	—	—	—	.36	—	.07	.01	—	—	.04	.09
26	S. .04	—	—	.02	—	—	.02	—	1.15	—	.02	.01
27	—	.04	—	.09	.03	.09	.25	—	—	—	—	—
28	S. .04	.02	—	.36	—	—	.06	—	.09	—	—	.02
29	—	—	—	.02	.11	—	.01	.22	—	1.47	—	.04
30	—	—	—	—	—	.09	.13	—	.33	—	.17	.06
31	—	—	.05	—	—	—	—	—	—	—	—	—
Totals	.58	1.32	1.26	2.40	.65	3.41	2.88	.53	4.58	.76	.93	.57
Total from Jan. 1	1.90	3.16	5.56	6.21	9.62	12.50	13.03	17.61	18.37	19.30	19.87	

* In the instances of brackets, the rainfall was not measured till the last day, being absent from home; each day bracketed were rainy days.

REGISTER OF RAINFALL IN 1876.

12/14/15

Kept at Stretham, Ely, Cambridgeshire by Mr. Edwin Stanley.

Latitude Time of Observation... *8 a.m.* Height of Receiver
Longitude of Rain Gauge. Above Ground *4 ft. 9 in.*
Above Sea Level.....

CONDENSED INSTRUCTIONS.—Fix the gauge firmly, with its orifices level and 1 ft. above the ground, quite clear of trees and walls, empty it daily at 9 a.m., and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "S" being prefixed. With a low temperature and high wind, it is sometimes blown out of the funnel; then take one-twelfth of the average depth of snow and enter that as the yield of water—e.g., 3 inches snow = 26 of rain. When there is no rain, a line should be drawn, rather than cyphers inserted.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1	.25	.08	.23		.02							.13
2	.27		.12			.08		.21	.15	.04		.33
3	.04					.03		.02	.17	.05	.36	.15
4								.33	.43	.03		.11
5		.24	.08			.04			.21		.03	.10
6						.04	.25	.03	.12			
7		.07							.39	.24	.05	.50
8	.06		.14			.03			.02	.04	.11	.02
9			.05	.02			.24		.06	.06		
10			.03	.25					.03	.03		
11			.20						.01	.01	.24	
12		.40				.05				.39	.44	
13			.05	.45	.05	.31			.06		.05	.17
14		.44	.14	.44	.02				.02	.03	.06	
15		.09	.05			.47		.31				.10
16		.14		.05		.05			.07			
17		.05	.04						.47			.22
18	.07	.02		.05					.18		.16	.08
19				.16						.02	.04	.19
20		.25	.05	.14				.07				.18
21	1.16			.20								
22		.03			.04	.03			.05		.03	
23				.25	.05	.55	.79		.15			.39
24		.05			.05	.09		.23	.06		.05	.24
25		.23		.30	.10						.08	.06
26		.14	.04		.18		.05	.05	.05			.14
27		.05	.47	.29	.04			.03	.08			.04
28		.07	.20	.06			.07	.19	.38			
29		.03	.08	.40				.12				.26
30	.02	X		.03			.04		.60		.14	.06
31		X		.02	X		X	.65	.40	X	X	.04
Totals	1.87	1.98	2.39	3.14	0.59	1.68	2.09	1.99	3.76	0.94	1.98	3.37
Total from Jan. 1.												
K/1000/1/73.	1.87	3.85	6.24	9.38	9.97	11.65	13.74	15.73	19.49	20.43	22.41	25.78

REGISTER OF RAINFALL IN 1873												
<i>Sent agreeable to Compt. & Co.</i>												
Kept at Beech House, Cambridge											by James Nuttall	
Latitude..... <u>52° 0'</u>											Height of Receiver of Rain Gauge	
Longitude..... <u>0° 0'</u>											Above Ground..... <u>16 feet</u>	
CONDENSED INSTRUCTIONS.—Fix the gauge firmly, with its orifice level and 1 ft. above the ground, quite clear of trees and walls, empty it daily at 9 a.m., and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "S" being prefixed. With a low temperature and high wind, it is sometimes blown out of the funnel; then take one-twelfth of the average depth of snow and enter that as the yield of water, e.g., 3 inches snow = .25 of rain. When there is no rain, a line should be drawn, rather than cyphers inserted.												
Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1	0.12	0.03 S	0.20	—	—	—	—	0.08	0.21	—	—	—
2	0.09	0.60 S	—	—	—	0.07	—	—	0.05	0.03	0.50	—
3	0.40	0.26 S	0.05	0.01	0.03	0.01	0.29 T	—	0.09	0.01	—	—
4	0.28	0.04	—	0.12	0.21	0.36	0.02	—	0.12	0.05	0.02	0.02
5	0.01	—	0.02	—	0.09	—	0.18	—	0.01	—	0.25	—
6	—	—	0.16	0.11	0.01	0.69	—	—	0.02	—	0.23	—
7	—	0.02	0.02	0.12	0.23	—	—	—	0.37	0.29	0.01	—
8	0.02	—	—	0.03	0.01	—	—	—	—	0.15	0.03	—
9	0.05	0.02 S	0.07	—	0.03	—	0.01	0.02	0.22	0.02	0.23	—
10	—	0.15 S	0.04	—	—	0.08	—	0.18	0.25	—	0.14	—
11	0.06	0.05 S	0.08	—	—	—	—	0.03	—	0.12	—	—
12	0.09	0.04	0.05	—	—	—	—	0.18	—	0.69	—	—
13	—	0.01	—	—	—	0.30	0.81	—	0.03	—	—	—
14	—	—	—	—	—	0.03	0.35 T	0.01	0.49	—	—	—
15	—	—	—	—	—	—	0.40 T	—	0.20	0.02	—	0.02
16	0.01	—	0.05	—	—	—	—	—	—	—	0.03	—
17	0.02	—	—	—	0.21	0.21	0.11	0.04	—	—	—	—
18	0.14	—	—	—	0.02	0.03	—	0.38	—	—	0.02	0.05
19	0.02	—	—	—	—	—	—	0.02	—	0.02	—	0.08
20	0.06	—	0.15	—	0.21	—	—	0.05	0.01	0.01	—	—
21	0.13	—	0.04	—	0.17	—	—	0.03	—	0.25	0.14	—
22	0.15	0.05 S	—	—	0.06	—	—	—	—	0.33	—	0.02
23	0.05	0.02 S	—	—	0.02	—	—	—	—	0.16	—	0.01
24	—	0.17 S	—	0.01	—	—	0.98 T	—	—	0.02	—	—
25	0.02	0.19	—	—	0.01	—	0.03	—	—	—	—	—
26	—	0.29	—	0.32	0.12	—	0.02	0.40 T	—	—	0.03	0.19
27	—	—	—	0.02	—	—	—	—	—	—	—	—
28	—	—	—	0.12	—	—	—	0.36 T	—	—	0.02	—
29	—	—	—	—	—	0.33	—	0.13	—	0.010	—	—
30	—	—	0.07	0.01	—	0.11	—	—	—	—	—	0.06
31	—	—	0.10	0.15	—	0.02	—	—	—	0.21	—	—
Totals	1.78	1.94	1.63	0.77	1.63	2.22	2.18	2.86	2.10	2.37	1.97	0.45
Total from Jan. 1 K/1500/12/73.	—	3.72	4.85	5.62	7.25	9.67	11.65	14.51	16.61	18.98	20.95	21.40

REGISTER OF RAINFALL IN 1874

Kept at Pamfiford Hall
Latitude 52° 10 $\frac{1}{2}$ North

Latitude $52^{\circ} 10'$ North

Time

Longitude... 7° East

Time of Observation

See also [Biology](#)

by W. P. Hammond Esq.

Above Ground.....1 foot.....

Above Ground.....1 foot.....

Above Sea Level... 113 feet

CONDENSED INSTRUCTIONS.—Fix the gauge firmly, with its orifice level and 1 ft. above the ground, quite clear of trees and walls, empty it daily at 9 a.m., and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "S" being prefixed. With a low temperature and high wind, it is sometimes blown out of the funnel; then take one-twelfth of the average depth of snow and enter that as the yield of water—e.g., 3 inches snow = 25 of rain. When there is no rain, a line should be drawn, rather than cyphers inserted.

See back
REGISTER OF RAINFALL IN 1876

Kept at *Ayresby House, Chatteris* by *Alfred Edward Ruston*
 Latitude *52° 27'* Diameter *8 inches*

Time of Observation *9 A.M.* Receiver of Rain Gauge Height above Ground *6 inches*
 Longitude *100° 45' E.* Above Sea Level

CONDENSED INSTRUCTIONS.—Fix the gauge firmly, with its orifice level and 1 ft. above the ground, quite clear of trees and walls, empty it daily at 9 a.m., and enter it against the preceding day. When snow is not melted at the proper time for measuring, melt what is caught in the funnel by adding to the snow a previously ascertained quantity of warm water, and then deducting this quantity from the total measurement, enter the residue as rain. When there is no rain, a line should be drawn, rather than cyphers inserted.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1	0.20	0.06	0.05	—	—	—	—	—	—	—	—	0.23
2	0.20	—	0.10	—	0.01	0.09	—	0.28	0.16	0.03	—	0.38
3	0.01	—	—	—	—	0.11	—	0.01	0.34	0.06	0.41	0.24
4	0.01	0.11	—	—	—	0.01	—	0.25	0.35	—	—	0.06
5	—	0.12	0.10	—	—	0.05	0.02	—	0.07	0.04	0.03	0.16
6	—	0.06	—	—	—	0.03	0.27	0.04	0.37	0.16	—	0.01
7	—	0.02	—	—	—	—	—	—	0.12	0.01	0.14	0.32
8	—	0.05	0.19	—	—	0.20	0.01	—	—	0.09	0.26	—
9	—	—	0.02	—	—	—	—	—	0.03	0.01	0.04	—
10	0.06	—	0.01	0.28	—	—	—	—	0.06	0.06	—	—
11	—	—	0.16	0.05	—	—	—	—	—	—	0.40	0.01
12	0.21	—	0.51	0.33	0.04	—	—	—	0.02	0.14	0.45	0.16
13	—	0.22	0.02	0.87	—	0.29	—	—	0.02	—	0.08	0.02
14	—	0.34	0.19	0.01	0.01	—	—	—	0.04	0.01	0.04	—
15	—	0.18	—	—	—	0.55	—	0.02	—	—	0.20	0.03
16	0.03	0.19	0.01	0.05	—	—	—	—	0.05	0.01	0.01	—
17	0.02	0.05	—	—	—	0.01	—	—	0.13	—	—	0.17
18	—	0.07	0.06	0.10	—	—	—	—	0.35	—	0.18	0.05
19	—	—	0.02	0.17	—	—	—	0.04	—	0.01	0.03	0.22
20	0.19	0.26	0.01	0.28	—	—	—	0.07	—	—	0.02	0.14
21	0.16	—	—	0.14	—	—	—	0.05	—	—	—	—
22	—	0.08	0.05	—	0.02	0.09	0.38	—	0.10	—	—	0.10
23	—	—	0.14	0.02	0.65	—	—	—	0.25	—	—	0.29
24	—	0.04	—	0.12	0.36	—	—	0.15	0.13	—	0.13	0.07
25	—	0.19	—	0.01	0.14	—	—	—	0.01	—	0.17	—
26	0.01	0.19	0.10	—	0.16	—	0.05	—	0.14	—	0.06	0.28
27	—	0.04	0.62	0.25	0.10	—	—	0.04	0.03	—	0.14	0.02
28	—	0.09	0.04	0.15	—	—	0.18	0.37	0.54	—	0.06	0.07
29	—	0.19	0.12	0.38	—	—	—	—	—	—	—	0.31
30	0.05	—	—	—	—	0.02	0.22	0.43	0.36	—	0.15	0.19
31	—	—	—	—	—	—	0.58	0.34	—	—	—	0.04
Totals	2.15	2.53	2.38	3.28	0.86	2.10	1.71	2.09	3.67	0.69	3.00	3.57
Total from Jan. 1.	2.15	4.68	7.06	10.34	11.20	13.30	15.01	17.10	20.77	21.46	24.46	28.03

S.a. ~~W~~ Corw by Olo:

REGISTER OF RAINFALL IN 1877

Kept at Gulden Morden in the County of Cambs. by J. Johnson

Latitude Time of Observation, 8 A.M. Height of Receiver
of Rain Gauge. Above Ground, 1 ft. 2 in.
Longitude, Above Sea Level, 106 ft.

CONDENSED INSTRUCTIONS.—Fix the gauge firmly, with its orifice level and 1 ft. above the ground, quite clear of trees and walls, empty it daily at 9 a.m., and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "S" being prefixed. With a low temperature and high wind, it is sometimes blown out of the funnel; then take one-twelfth of the average depth of snow and enter that as the yield of water—*e.g.*, 3 inches snow = .25 of rain. When there is no rain, a line should be drawn, rather than cyphers inserted.

REGISTER OF RAINFALL IN 1878

Kept at ~~Papworth~~ ~~Wren~~ the County of Cambridge by B. Dering
is Diameter 5 inches

Latitude

Diameter *Sixty* *131*

Time of Observation

94

Diameter..... 17"

Longitude.....

Height of Receiver above Ground.....

CONDENSED INSTRUCTIONS.—Fix the gauge firmly, with its orifice level and 1 ft. above the ground, quite clear of trees and walls, empty it daily at 9 a.m., and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "S" being prefixed. With a low temperature and high wind, it is sometimes blown out of the funnel; then take one-twelfth of the average depth of snow, and enter that as the yield of water—*e.g.*, 3 inches snow = 25 of rain. When there is no rain, a line should be drawn, rather than cyphers inserted.

REGISTER OF RAINFALL IN 1879

Kept at Grantham Mill in the County of Cambridge by James Neatby

Latitude 52° 14' N.

diameter..... 5 inches

5 inches

Time of Observation... *9 A.M.*

height of Receiver above Ground 5 feet

Longitude ~~83° 46' E.~~

Sea Level - 31 feet.

CONDENSED INSTRUCTIONS.—Fix the gauge firmly, with its orifice level and 1 ft. above the ground, quite clear of trees and walls, empty it daily at 9 a.m., and enter it against the preceding day. Snow should be melted slowly in a closed vessel and the amount entered as rain, an "S" being prefixed. With a low temperature and high wind, it is sometimes blown out of the funnel; then take one-twelfth of the average depth of snow, and enter that as the yield of water—*e.g.*, 3 inches snow = 25 of rain. When there is no rain, a line should be drawn, rather than cyphers inserted.

Sav
REGISTER OF RAINFALL IN 1880

Kept at Cambridge in the County of Cambridge by W. L. Glashier Esq. M.A.
 Latitude 52° 12' 51" N. Diameter 8 inches
 Longitude 0° 0' 22" E. Height of Receiver above Ground 14 inches
 Time Observation 9 A.M. RAIN GAUGE
 Longitude 0° 0' 22" E. " " Sea Level 14.0 feet.

NOTE.—Full instructions respecting the measurement of rain, and every detail connected therewith, are given in a little pamphlet, entitled, "Arrangements for the Systematic Observation and Record of the Rainfall of the British Isles," which is supplied gratis on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	—	—	—	.04	.05	—	.18	.16	—	—	—	—	.01 1
2	—	.01	.23	.11	—	.02	.14	.17	—	.35	.01	.02	2
3	.01	.01	.24	—	—	.14	.51	—	—	—	—	.04	3
4	.01	—	.01	.02	.03	.01	.01	—	—	.89	—	.01	4
5	.03	.04	—	—	.03	.19	—	—	—	.13	—	—	5
6	—	.01	—	—	—	.14	.04	.37	—	.77	—	.02	6
7	—	.18	—	—	—	.02	.11	.41	—	.41	.18	—	7
8	—	.09	—	.14	—	.09	.03	—	—	.09	.01	—	8
9	.01	.13	.03	.01	—	—	.02	—	—	.02	.02	—	9
10	.02	—	—	.01	.34	—	.01	—	—	—	.06	—	10
11	—	.02	—	—	.05	—	.03	—	.125	.04	.02	—	11
12	—	—	.01	.01	—	—	.02	—	.36	.02	.13	—	12
13	—	—	—	—	.11	—	—	.16	—	.02	—	.04	.16 13
14	—	.03	—	—	.43	—	—	.39	.01	.55	—	.40	.21 14
15	.05	.05	—	—	.16	—	.29	.03	—	.14	—	.58	.14 15
16	.06	.35	—	—	—	—	—	—	—	—	.02	.02	.02 16
17	—	—	—	—	—	—	.05	—	.13	—	.01	.02	.02 17
18	—	.39	—	—	—	—	.02	—	.29	.02	.31	.03	18
19	—	.03	—	—	.30	.01	.48	.14	.01	.03	.02	.02	.18 19
20	.01	.14	—	—	—	—	.01	.09	.02	.01	.16	—	.02 20
21	—	.03	—	—	—	—	.02	—	.04	.02	.01	.19	—
22	.02	.04	—	—	.13	—	.22	.28	—	.02	.01	—	.10 22
23	—	.15	—	—	—	—	.08	—	—	—	.02	.18	—
24	—	—	—	—	.02	—	.36	.02	—	—	.05	—	25
25	—	—	.01	—	.19	—	.31	.34	.42	—	.86	.04	.27 26
26	—	—	—	—	.03	.03	—	.45	.02	—	.45	.01	.25 27
27	—	—	—	—	—	.16	—	.03	.02	—	.18	.01	.03 28
28	—	—	—	—	.01	.01	—	.11	—	—	.02	—	.19 29
29	—	—	—	—	—	—	—	.28	—	—	.02	—	.26 30
30	.02	—	—	—	—	—	.06	.13	—	—	—	.02	.02 31
31	—	—	.31	—	.02	—	—	—	—	—	—	.02	—
Totals	.24	1.61	.87	1.73	.68	2.65	3.60	1.45	2.84	5.46	2.01	2.46	
Total from Jan. 1	=	25.60											
K/3,000/12/79,													

Jan

REGISTER OF RAINFALL IN 1881

Kept at Cherryhinton Waterworks in the County of Cambridge by Henry Tomlinson C.E.

Latitude

Diameter

Longitude

Time of Observation

RAIN GAUGE.

Height of Receiver above Ground

Sea Level

NOTE.—Full instructions respecting the measurement of rain, and every detail connected therewith, are given in a little pamphlet, entitled, "Arrangements for the Systematic Observation and Record of the Rainfall of the British Isles," which is supplied gratis on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.01	.01	.04	.	.05	.	.	.05	.02	.01	.	.	1
2	.10	.01	.	.	.1203	.	.02	.28	2
3	.0801	.04	.	.04	.01	3
4	.02	.0202	.	.27	.	4
5	.02	.10	.23	.	.2409	.04	5
6	.09	.4296	.32	.	.26	.06	.01	.14	6
7	.01	.0275	.31	.	.11	.03	.	.32	7
8	.02	.25	.07	.	.	.13	.01	.	.03	.28	.	.01	8
9	.07	.0724	.83	.	.06	.	.	.01	9
10	.01	.50	.02	.	.	.05	.03	.06	.	.02	.	.	10
11	.02	.1901	.09	.	.	.08	11
12	.03	.02	.	.0639	.03	.	.07	.07	12
13	.02	.	.	.12	.	.01	.33	.18	.	.	.03	.	13
14	.	.	.0504	.	.74	.	.	.14	
15	.41	.	.2502	.	.30	15
16	.02	.03	.13	.0146	.01	.	.	.09	16
17	.	.	.01	.0139	.	.	.08	.12	17
18	.01	.	.	.13	.27	.	.	.42	.01	.	.	.11	18
19	.05	.02	.	.11	.04	.01	.	.40	.03	.	.05	.	19
20	.04	.	.	.16	.	.0531	20
21	.19	.02	.	.	.0107	.27	.07	.17	21
22	.01	.03	.04	.0843	.15	.35	.10	.	22
23	.04	.	.04	.	.03	.01	.	.01	.33	.28	.	.	23
24	.11	.07	.08	.	.	.20	.26	.02	.30	.01	.02	.	24
250101	.38	.01	.31	.03	25
26	.	.	.10	.01	.12	.	.	.23	.02	.03	.23	.	26
27	.14	.01	.05	.29	.	.13	.	.01	.01	.34	.	.	27
28	.04	.04	.02	.01	.1501	.02	.	.	28
29	.03	.	.01	.002	.	.21	.04	.	.02	.	.	.	29
30	.13	.	.11	.	.	.01	.66	.	.03	.01	.	.	30
31	.0228	.0801	.	31
Totals	.61	2.33	1.03	1.11	1.17	2.01	1.82	5.51	1.85	2.49	1.70	3.85	24.78

Total from Jan. 1

K/3,000/12/81

See page 5
REGISTER OF RAINFALL IN 1883

Kept at Trinity College, Cambridge in the County of
Latitude $52^{\circ} 12' 51''$

by J. W. L. Glaisher Esq. FRS

Longitude $0^{\circ} 0' 22''$ E.

Time of Observation 9.15 A.M.

RAIN GAUGE Diameter.....

Height of Receiver above Ground 4 in.

Sea Level 40 feet

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Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.13	—	.10	—	.01	—	—	—	.04	.05	.02	.01	1
2	.14	—	.03	—	.14	.03	—	—	.09	—	.04	.06	2
3	—	—	—	—	.02	.01	.02	—	—	.02	.32	.09	3
4	.05	—	—	—	.03	—	.11	—	—	—	.02	.05	4
5	.01	—	.02	.02	.33	.06	—	—	.25	—	.03	.05	5
6	.02	—	—	—	—	—	—	—	.01	.03	.53	.08	6
7	—	—	.01	—	.14	.09	.08	—	—	—	.13	.42	7
8	.83	—	—	—	.03	.36	.16	—	—	.05	.06	.05	8
9	—	—	—	—	.01	.46	.08	.01	—	.01	.01	—	9
10	—	—	—	—	—	.03	.04	—	—	.14	.07	—	10
11	—	—	.15	—	—	.08	.69	—	.77	.21	—	—	11
12	—	—	—	.07	—	.04	.02	—	.24	.44	—	.02	12
13	—	—	—	.39	—	.26	—	.01	—	.05	—	.01	13
14	—	.82	—	.11	—	.01	.06	—	—	—	—	.02	14
15	—	.05	—	.02	—	.05	.02	.10	—	.18	.41	.02	15
16	—	.01	—	.06	—	—	—	.31	—	.15	.04	.01	16
17	—	—	—	.04	—	.13	.05	.03	—	.01	.01	.01	17
18	—	.04	—	.01	—	.19	—	.01	.82	.03	.13	.01	18
19	—	—	—	.01	—	—	—	.16	.46	.46	.13	—	19
20	—	—	.01	.01	—	—	—	.08	.01	—	.10	.05	20
21	—	—	.05	.03	—	.14	—	.01	—	.63	.06	—	21
22	—	—	.02	.20	—	.05	.04	.39	—	.02	.01	.02	22
23	—	—	.02	.06	.01	—	.05	—	—	.31	.10	—	23
24	—	.02	.02	.19	.02	.35	.05	.12	—	.74	.02	.05	24
25	—	.05	.85	.94	.53	.02	.47	.29	—	—	—	.48	25
26	.01	.04	—	.03	—	—	—	.01	.01	.06	.02	.26	26
27	.02	.08	—	.23	—	—	.11	—	—	.73	—	.05	27
28	.06	.40	—	.03	.08	—	.01	.13	.64	.34	.20	.02	28
29	.16	—	.01	.38	—	—	—	.01	.06	—	.06	.05	29
30	—	—	.01	.06	—	—	.03	.01	.03	.07	.01	.37	30
31	—	—	.04	—	—	—	—	.10	—	.02	—	.24	31
Totals	1.43	1.51	1.34	2.87	1.35	2.34	2.09	1.78	2.03	4.75	2.47	2.48	
Total from Jan. 1	—	26.44											

K/3,000/12/82

REGISTER OF RAINFALL IN 1883

Latitude Diameter 8 in.

Time of Observation 9..... Height of top above Ground 6 in.

Longitude..... RAIN " " " Sea Level..... 40 feet

NOTE.—Full instructions respecting the measurement of rain are given in "*Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles*," which is sent post free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.	
1	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	1	
2	'01	'05	—	—	—	—	—	—	'12	'05	—	—	2	
3	'10	'24	—	—	—	—	'45	—	'14	'05	'01	'02	3	
4	—	—	—	—	—	—	—	—	—	'19	'02	'09	4	
5	—	—	—	—	'02	—	'02	—	'02	'02	'37	'01	5	
6	—	—	—	—	—	—	—	'18	—	—	'50	'06	6	
7	—	'03	'21	—	—	—	—	—	—	—	'17	'03	7	
8	—	'31	'36	—	—	—	'02	—	'23	'01	'06	—	8	
9	—	'41	'03	—	'26	—	'13	'22	'01	—	'10	—	9	
10	—	'48	—	—	'08	'02	—	'01	'16	—	—	'26	10	
11	—	'01	—	'02	—	'14	—	'02	—	'10	'03	—	'08	11
12	—	'02	'03	—	—	'02	—	'06	—	—	—	'01	'06	12
13	—	'03	—	'03	'02	'01	—	'23	—	—	—	—	—	13
14	—	'08	'08	—	—	'06	'12	'35	—	—	'41	—	—	14
15	—	'14	'07	—	—	—	'52	'25	'03	—	'11	'38	'13	15
16	—	'02	—	'03	—	—	'02	—	—	—	'06	—	'41	16
17	—	'01	'35	'06	—	—	'05	—	'01	—	'02	'21	'05	17
18	—	'02	'12	—	'18	—	—	—	—	—	—	'06	'02	18
19	—	'08	'01	'13	'40	—	'61	—	—	—	'16	'11	—	19
20	—	—	'02	—	'06	—	'12	'48	—	'03	'03	'03	—	20
21	—	—	—	—	'01	—	'140	'32	—	—	'01	'06	—	21
22	—	—	—	—	'01	—	—	—	—	—	—	'05	—	22
23	—	—	—	—	'04	—	—	'06	—	'31	—	'10	—	23
24	—	'18	—	'05	'03	—	—	—	—	'07	'02	'06	'01	24
25	—	'18	—	—	—	—	1.93	'01	—	'31	'15	'03	'01	25
26	—	—	—	—	—	'40	'13	—	—	'01	—	'01	'01	26
27	—	'06	'02	—	'75	—	'14	'07	—	'02	—	—	'02	27
28	—	'03	'14	—	'53	—	—	—	—	'19	—	'01	'02	28
29	—	'22	—	'01	'21	—	'16	'01	—	1.24	—	—	'01	29
30	—	'01	—	'02	'01	—	—	'02	—	'79	—	'43	—	30
31	—	'01	—	—	—	—	'02	'39	—	—	—	—	—	31
Totals	1.32	2.44	0.92	2.29	1.09	5.23	2.52	0.89	4.35	1.38	2.80	1.30		

Total from } Jan. 1 } 26.53

$$\zeta = \zeta_{\text{max}}$$

~~s = snow~~

REGISTER OF RAINFALL IN 1885													
Kept at Cherryhinton Pumping Station in the County of Cambridge by Wm. W. Gray													
Latitude	Diameter 5"												
Longitude	Height of top above Ground 1 ft.												
RAINFALL	Sea Level 35 ft.												
NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.													
Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1		.06	.01	.09						.01	.01	.01	1
2		.01		.01					.29	.07	.12	.02	2
3		.01	.28						.12		.39	.05	3
4		.20		.65				.11	.02	.11	.29		4
5				.04	.22	.20		.50	.06	.01	.25	.08	5
6		.03	.23	.03	.02	.13				.81		.01	6
7				.03	.01	.16	.01	.01		.01			7
8	.15	.06	.04	.08		1.42			.26	.34			8
9	.16	.01		.14	.02				.03	.04	.03	.08	9
10	.41			.09					1.00	.13	.02		10
11	.02			.05	.04		.21			.01	.01		11
12	.04						.01	.15	.03		.01		12
13	.07						.43		.08	.34			13
14	.07	.16							.04	.40	.23		14
15	.02	.16		.05						.10			15
16	.03	.32		.29	.08	.08	.01		.26	.02			16
17		.16			.12				.05				17
18		.02			.06		.02		.09	.03		.02	18
19		.01			.06	.09	.08	.02	.08			.01	19
20					.16	.12	.03	.05	.03				20
21			.16		.33			.22		.02	.05		21
22	.01				.44	.01		.01				.01	22
23				.33	.10				.06	.97	.09		23
24	.01	.07			.10		.13			.04	.35	.01	24
25		.09			.02	.38	.01		.01	.12	.29		25
26	.10	.06	.09					.05		.09	.25	.01	26
27		.02						.19	.05	.01	.11		27
28	.05	.05		.17	.20	.02			.28	.07	.09	.12	28
29		.03			.01					.01	.12		29
30		.03			.09					.08	.20	.24	30
31		.29								.31		.07	31
Totals	1.49	1.50	.81	1.65	2.89	2.37	.80	1.31	2.92	4.27	2.95	.76	
Total from Jan. 1	1.49	2.99	3.80	5.45	8.34	10.71	11.51	12.82	15.74	20.01	22.96	23.71	

Red ink
REGISTER OF RAINFALL IN 1886

Kept at Chatteris

in the County of Cambridge by H. F. Tressler

Latitude 52° 27'

Diameter 5 in.

Time of Observation 9 a.m.

Height of top above Ground 6 in.

Longitude

" " " Sea Level 45?

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.03		.52			.73		.15		.02			1
2			.03	.23				.07	.40				2
3	.07								.02		.19		3
4									.02			.24	4
5	.03	.02						.07	.02	.04	.55		5
6	.04		.08						.06	.27	.02	.14	6
7	.11		.44				.23			.02		.24	7
8			.02				.02		.09			.07	8
9			.10				.07	.67		.08	.21		9
10	.30		.11	.07	.02			.10	.40	.23	.50		10
11	.20	.04		.05	.23		.10				.76	.24	11
12	.11	.04			.60	.07	.33	.10		.33	.05		12
13	.11				.71	.04	.38	.20					13
14	.02	.07			.15	.08				.19	.03	.60	14
15	.08		.05	.03	.03		.08	.26		.53	.02	.10	15
16	.07			.03	.12			.07		.16	.03		16
17	.05	.02		.03	.10	.05	.29	.50		.13	.02		17
18			.03	.05		.10		.40		.14			18
19	.07		.15		.07	.05	.57	.04					19
20	.18		.12								.36		20
21	.05				.19		.01				.10		21
22	.18		.12		.08	.08						.26	22
23	.20		.01		.08		.52						23
24	.20					.32						.10	24
25	.08				.15	1.39					.02		25
26			.03		.16		.21		.07			.103	26
27			.02		.10				.09	.02		.03	27
28			.07	.03	.07				.03	.02			28
29	.06		.28									.02	29
30	.08		.09				.12			.08			30
31	.08		.02		.02		.07			.25			31
Totals	2.40	0.19	1.62	1.12	3.19	1.16	4.33	2.87	1.20	2.97	2.40	3.07	
Total from Jan. 1	2.40	2.59	4.21	5.33	8.52	9.68	14.01	16.58	17.78	20.78	23.15	26.22	

82 below

REGISTER OF RAINFALL IN 1889

Kept at Aykbury House, Chatteris in the County of Cambridgeshire by A. C. (Ans) Purkin

Latitude _____

Diameter 8 in.

Time of Observation 9 A.M.

Height of top above Ground

Longitude _____

" " " Sea Level 45 ft. ?

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	.22	—	.19	—	.02	—	—	.17	—	.03	—	1
2	.11	.15	—	—	.07	.54	—	—	—	—	.10	—	2
3	.19	—	—	—	.30	.14	—	—	.07	—	.10	—	3
4	.35	—	—	—	.09	—	—	—	.21	—	.17	.08	4
5	.08	—	—	—	—	—	.05	—	.13	—	.17	—	5
6	.13	—	—	—	.17	—	—	—	.22	—	.30	.04	6
7	.13	—	1	.03	—	—	.02	—	—	.03	—	—	7
8	.09	—	—	—	—	—	—	—	—	.05	.08	.07	8
9	.03	—	—	—	—	—	—	—	.10	.05	.32	—	9
10	—	—	—	—	—	.06	—	—	—	.22	.02	—	10
11	.24	—	.25	—	.06	—	—	—	—	.03	—	.10	11
12	—	—	—	—	.15	—	—	.42	—	.08	—	.18	12
13	—	—	—	.05	.08	—	—	.20	—	—	—	.02	13
14	—	—	.02	—	—	—	—	—	.29	.07	—	.10	14
15	—	—	—	.03	—	—	—	—	—	.09	—	.02	15
16	—	—	—	—	—	.16	—	.20	—	—	—	—	16
17	.25	.29	—	—	.05	—	—	—	—	—	—	—	17
18	.12	—	—	—	.02	—	—	.08	—	—	.04	.09	18
19	.20	—	—	—	.28	—	—	.03	—	.02	—	—	19
20	—	.14	—	—	—	—	—	—	.03	—	—	—	20
21	—	—	.09	—	.15	—	—	—	—	—	.06	—	21
22	—	—	.15	—	.17	—	—	—	—	—	.04	.03	22
23	—	—	.06	.36	.17	—	—	—	—	.10	—	—	23
24	—	—	.04	.14	.04	—	.03	—	—	—	.01	—	24
25	—	—	.16	.03	—	—	—	—	—	—	—	—	25
26	—	—	.18	.19	.07	—	.10	.06	.10	.03	—	—	26
27	—	—	.04	—	.10	—	—	—	.04	.15	—	.02	27
28	.02	—	—	.19	.11	—	—	—	—	.27	.11	—	28
29	—	—	—	.01	—	—	.01	.31	.20	.77	.06	—	29
30	—	—	—	—	—	—	—	.14	.07	.01	—	—	30
31	—	—	.29	—	.05	—	.13	—	—	—	—	—	31
Totals	1.80	.80	1.38	1.22	1.96	.70	.56	1.24	1.93	1.72	1.61	.75	
Total from Jan. 1	1.80	2.60	3.98	5.20	7.16	7.86	8.42	9.66	11.59	13.31	14.92	15.67	

Saw

as HSW

REGISTER OF RAINFALL IN 1888

Kept at Observatory in the County of Cambs by N. Todd
 Latitude 52° 13' Diameter 6 in.
 Time of Observation 8 A.M. Height of top above Ground 14
 Longitude 22° 8' " " Sea Level 84

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1					0.020			0.130	0.035		0.515		1
2	0.140	0.060		0.167	0.065		0.530		0.108	0.140	0.110		2
3	0.020		0.020	0.030	0.050		0.031		0.350		0.110		3
4	0.015						0.465	0.210		0.120			4
5	0.010						0.460						5
6	0.020		0.015				0.030	0.020	0.030				6
7	0.060		0.060						0.010				7
8	0.070	0.050					0.030		0.060		0.270		8
9			0.040			0.090	0.035		0.210				9
10		0.262	0.021				0.130		0.051		0.320		10
11	0.005	0.650					0.130						11
12	0.020	0.030	0.050	0.040		0.020				0.045	0.215		12
13	0.165	0.050				0.090							13
14	0.300	0.010				0.481				0.025			14
15	0.080		0.140			0.160	0.270		0.030		0.100		15
16		0.030	0.042	0.170	0.095						0.015		16
17		0.030	0.240	0.098		0.005					0.040		17
18	0.190		0.040		0.070	0.260					0.020		18
19	0.100	0.070	0.690	0.010	0.050		0.022				0.400		19
20			0.080			0.120	0.030	0.510			0.020		20
21	0.210					0.027		0.390			0.105		21
22		0.199	0.020				0.550	0.042					22
23		0.090	0.113				0.100	0.020	0.020		0.022		23
24	0.110	0.110	0.040				0.050	0.350	0.050		0.330		24
25	0.210					0.158	0.030			0.401	0.090		25
26		0.050				0.160	0.040				0.110		26
27	0.075		0.060	0.090		0.182	0.310	0.020		0.060	0.030		27
28	0.030		0.110			0.020	0.010	0.440	0.020	0.272	0.110	0.075	28
29		0.020	0.120		0.280	0.030	0.376		0.032	0.060	0.010		29
30	0.020		0.030		0.015		0.140	0.020		0.190	0.208		30
31	0.020		0.020				0.010						31
Totals	0.580	1.160	2.221	1.868	0.708	1.758	4.002	2.174	1.016	0.827	3.099	0.922	
Total from Jan. 1	0.580	1.740	3.961	5.829	6.537	8.295	12.297	14.471	15.487	16.314	19.413	20.335	

Cam

REGISTER OF RAINFALL IN 1890

Kept at 13 Sidney Street in the County of Cambridge by Walter C. Rain

Latitude _____ Time of Observation 9 A.M. RAIN GAUGE. Diameter 8 inch

Longitude _____ Height of top above Ground 60 ft. " " " Sea Level 92 ft.

NOTE.—Full instructions respecting the measurement of rainfall are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.+	0.01	0.08	0.—	0.—	0.02	0.02	0.—	0.—	0.01	0.07	0.+	1
2	0.01	0.—	0.03	0.—	0.—	0.+	0.01	0.21	0.+	0.—	0.01	0.—	2
3	0.16	0.—	0.—	0.—	0.—	0.+	0.08	0.—	0.02	0.—	0.11	0.—	3
4	0.06	0.01	0.01	0.—	0.01	0.09	0.45	0.—	0.01	0.—	0.01	0.04	4
5	0.01	0.01	0.+	0.—	0.06	0.01	0.11	0.—	0.—	0.—	0.—	0.01	5
6	0.10	0.01	0.—	0.01	0.01	0.01	0.01	0.—	0.—	0.—	0.17	0.—	6
7	0.+	0.01	0.01	0.11	0.+	0.—	0.12	0.—	0.—	0.31	0.10	0.+	7
8	0.—	0.+	0.02	0.01	0.01	0.03	0.03	0.02	0.—	0.01	0.02	0.—	8
9	0.09	0.—	0.18	0.02	0.30	0.+	0.15	0.06	0.—	0.—	0.—	0.—	9
10	0.01	0.—	0.04	0.+	0.81	0.34	0.06	0.57	0.—	0.—	0.+	0.01	10
11	0.04	0.—	0.+	0.02	0.10	0.06	0.09	0.03	0.—	0.—	0.01	0.—	11
12	0.+	0.+	0.—	0.+	0.01	0.25	0.02	0.01	0.—	0.—	0.11	0.—	12
13	0.—	0.—	0.—	0.—	0.—	0.01	0.+	0.01	0.—	0.—	0.01	0.—	13
14	0.02	0.25	0.—	0.01	0.—	0.—	0.01	0.07	0.—	0.—	0.01	0.06	14
15	0.+	0.23	0.—	0.06	0.—	0.—	0.—	0.+	0.—	0.19	0.—	0.08	15
16	0.—	0.01	0.—	0.01	0.02	0.08	0.—	0.+	0.—	0.11	0.01	0.—	16
17	0.07	0.—	0.—	0.01	0.02	0.02	1.06	0.01	0.04	0.01	0.01	0.03	17
18	0.01	0.—	0.27	0.01	0.+	0.01	0.64	0.—	0.03	0.+	0.01	0.18	18
19	0.01	0.—	0.88	0.—	0.06	0.+	0.01	0.09	0.03	0.+	0.+	0.15	19
20	0.+	0.02	0.22	0.—	0.01	0.—	0.—	0.01	0.—	0.12	0.+	0.—	20
21	0.04	0.01	0.—	0.09	0.—	0.02	0.—	0.02	0.+	0.01	0.02	0.—	21
22	0.11	0.—	0.01	0.01	0.—	0.01	0.—	0.02	0.—	0.+	0.02	0.—	22
23	0.01	0.—	0.06	0.02	0.—	0.02	0.01	0.04	0.—	0.—	0.14	0.—	23
24	0.06	0.+	0.12	0.02	0.—	0.—	0.—	0.05	0.—	0.04	0.03	0.—	24
25	0.06	0.01	0.02	0.01	0.—	0.41	0.—	0.08	0.—	0.14	0.01	0.—	25
26	0.08	0.01	0.01	0.03	0.—	0.02	0.—	0.05	0.—	0.13	0.03	0.03	26
27	0.23	0.17	0.—	0.04	0.—	0.01	0.02	0.03	0.—	0.01	0.18	0.04	27
28	0.09	0.01	0.—	0.01	0.—	0.09	0.09	0.18	0.—	0.06	0.04	0.+	28
29	0.10	—	0.—	0.+	0.06	0.13	0.06	0.01	0.—	0.01	0.—	0.—	29
30	0.09	—	0.—	0.—	0.01	0.26	0.—	0.—	0.—	0.01	0.—	0.01	30
31	0.01	—	0.—	—	0.—	—	0.—	0.—	—	0.08	—	0.01	31
Totals	1.47	0.77	1.96	0.50	1.49	1.90	3.05	1.57	0.13	1.25	1.43	0.65	
Total from Jan. 1	1.47	2.24	4.20	4.70	6.19	8.09	11.14	12.71	12.84	14.09	15.52	16.17	

REGISTER OF RAINFALL IN 1890

Kept at Ayleby House, Chatteris in the County of Cambridgeshire by A. Newbold, Esq.

Latitude

Time of Observation

meter

8

6in.

Longitude

ight of top above Ground

1

NOTE.—Full instructions respecting the measurement of rain are given in "Announcements respecting the Systematic Observation of Rain."

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	.11	—	—	—	—	—	—	—	.12	.02	1
2	—	—	.01	—	—	—	.06	.07	—	—	—	—	2
3	.46	—	—	—	—	—	—	.03	.03	—	.12	—	3
4	.08	—	.04	—	—	.05	.30	—	—	—	—	.09	4
5	—	—	—	—	—	.04	.11	—	—	—	—	—	5
6	.04	—	—	.23	.08	—	—	—	—	—	.33	—	6
7	—	—	—	—	.05	—	.10	—	—	.40	.09	—	7
8	—	—	.14	—	—	.01	—	.05	—	—	.05	—	8
9	.16	—	.11	—	.50	—	—	—	—	—	—	—	9
10	.03	—	.06	—	.81	.84	—	.34	—	—	.03	—	10
11	.04	—	—	—	.05	.08	—	.01	—	—	.11	—	11
12	—	—	—	—	.06	.19	.06	.03	—	—	.12	—	12
13	—	—	—	—	—	—	—	.04	—	—	—	—	13
14	—	.24	—	.05	—	—	.30	.04	—	—	—	.07	14
15	.08	.44	—	.15	—	—	—	.01	—	.08	—	.06	15
16	—	—	—	—	.03	.10	.03	—	—	.07	—	—	16
17	.09	—	—	.01	.02	—	.47	.09	.09	—	.03	—	17
18	.08	—	.48	—	—	.02	.47	—	.04	—	—	—	18
19	—	—	.88	—	.48	—	—	—	.04	—	—	.15	19
20	—	.05	.15	—	—	—	—	—	—	.13	—	—	20
21	.05	—	—	—	—	.01	—	.08	.07	—	.07	—	21
22	.21	—	—	.10	—	—	—	.08	—	—	.02	—	22
23	.04	—	.09	.13	—	.01	—	.09	.03	—	.55	—	23
24	.13	—	.13	.02	—	—	—	.04	—	.10	.02	—	24
25	.05	.03	.03	—	—	.36	—	.11	—	.07	.01	—	25
26	—	.01	.01	.18	—	.03	—	—	—	.05	.05	.05	26
27	.34	.04	—	.02	—	—	.08	—	—	.15	.10	—	27
28	.16	.02	—	—	—	.17	.12	.09	—	—	.01	—	28
29	.14	—	—	.07	—	.19	.03	—	—	.01	.03	—	29
30	.13	—	—	—	—	.44	—	—	—	—	—	—	30
31	—	—	—	—	—	—	.01	—	—	.07	.03	—	31
Totals	2.31	.83	2.24	.89	2.15	2.54	2.14	1.20	.30	1.13	1.86	.47	
Total from Jan. 1	2.31	3.14	5.38	6.27	8.42	10.96	13.10	14.30	14.60	15.73	17.59	18.06	

K.3/000/12/90. EDWARD STANFORD, COCKSPUR STREET, CHARING CROSS. 101944495 PRICE 3d.

1.0.

REGISTER OF RAINFALL IN 1891

Kept at The Drury CHITTERS in the County of Cambridgeshire by

Latitude

Time of Observation

RAIN GAUGE.

Diameter

Height of top above Ground

Longitude

", ", Sea Level

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			02		12		57			52		62	1
2					21	.87		.57				02	2
3				0.03		.04		.10	02		09		3
4	.10			.26		1.07		.15					4
5	04			.33		.03		.02				04	5
6	05		06	09			09		.04	.78		.03	6
7	.20		27	03	03		.50			.06		.17	7
8			02	04			.14	.14			07	.12	8
9					.16	.08		.18				.05	9
10			12		.42			.45		.23	.22	.36	10
11										12	23		11
12										13	30	.15	12
13										15	.03	.38	13
14									.04	.06	10		14
15	.07		22	09	02					.14	.40	.15	15
16					.04						04		16
17	04		08		.57		.35	.33					17
18				.08					.16	.32	05		18
19		.02	03				.13		.10	.20			19
20	28		05		.10			1.25					20
21					.17		.07	.04	.20	.78			21
22			03		.11		.07	.30		.76	03		22
23	25				.23	12	.12						23
24	07			93	03								24
25			08		.20	18		.03		07			25
26							25	.20	.05	.50	04		26
27			03		08		.09	.42				.20	27
28	03					.05					32	.10	28
29	11			.10	23		.44		.05			.03	29
30	.15		06				.27	.07	.04		02	.45	30
31	.24						.16	.30		02			31
Totals	1.63	0.02	1.07	1.09	3.42	2.50	3.20	4.67	0.70	4.84	1.84	2.87	
Total from Jan. 1	1.63	1.65	2.72	3.72	7.14	9.64	12.84	17.51	18.21	23.05	24.89	27.76	

8.5

REGISTER OF RAINFALL IN 1892

Kept at 13 Sidney Street, Cambridge
in the County of Cambridgeshire

by W. G. Rain F.R.Met.Soc.

Diameter 8 inches

Height of top above Ground 60 feet

Lat. Lon. Time of Observation 9 A.M.

, , , Sea Level 92 feet

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	in.	in.	in.	in.	in.	in.	in.	0.04	0.03	0.02	0.—	0.13	1
2	0.—	0.01	0.02	0.—	0.13	0.06	0.—	0.—	0.02	0.46	0.38	0.09	2
3	0.—	0.01	0.02	0.—	0.18	0.01	0.—	0.—	0.05	0.04	0.+	0.06	3
4	0.—	0.03	0.03	0.—	0.02	0.09	0.—	0.—	0.+	0.22	0.08	0.03	4
5	0.04	0.01	0.02	0.—	0.01	0.05	0.44	0.—	0.—	0.01	0.08	0.—	5
6	0.02	0.—	0.+	0.—	0.01	0.+	0.02	0.04	0.—	0.19	0.06	0.14	6
7	0.08	0.—	0.—	0.—	0.+	0.—	0.02	0.05	0.04	0.02	0.01	0.04	7
8	0.12	0.05	0.—	0.—	0.—	0.—	0.—	0.04	0.—	0.06	0.—	0.16	8
9	0.01	0.03	0.04	0.—	0.—	0.—	0.—	0.+	0.—	0.12	0.—	0.01	9
10	0.03	0.+	0.08	0.—	0.—	0.22	0.—	0.01	0.—	0.—	0.—	0.10	10
11	0.09	0.—	0.04	0.—	0.—	0.08	0.—	0.—	0.—	0.—	0.+	0.02	11
12	0.01	0.01	0.03	0.06	0.—	0.02	0.14	0.—	0.—	0.09	0.03	0.02	12
13	0.—	0.—	0.02	0.03	0.04	0.03	0.33	0.04	0.—	0.28	0.—	0.02	13
14	0.—	0.29	0.01	0.02	0.01	0.+	0.01	0.—	0.—	0.02	0.03	0.06	14
15	0.—	0.23	0.04	0.14	0.03	0.01	0.15	0.—	0.—	0.15	0.21	0.—	15
16	0.01	0.03	0.01	0.10	0.02	0.09	0.63	0.02	0.—	0.06	0.30	0.—	16
17	0.—	0.16	0.2	0.02	0.04	0.+	0.05	0.—	0.—	0.03	0.—	0.—	17
18	0.—	0.—	0.—	0.02	0.05	0.05	0.06	1.39	0.—	0.02	0.—	0.—	18
19	0.—	0.06	0.—	0.+	0.09	0.12	0.73	0.01	0.43	0.01	0.06	0.—	19
20	0.—	0.29	0.—	0.14	0.01	0.30	0.01	0.—	0.40	0.01	0.01	0.—	20
21	0.03	0.14	0.06	0.02	0.—	0.+	0.—	0.—	1.43	0.26	0.—	0.—	21
22	0.03	0.01	0.10	0.—	0.—	0.44	0.—	0.—	0.02	0.+	0.+	0.—	22
23	0.02	0.05	0.01	0.01	0.—	0.41	0.—	0.+	0.02	0.—	0.—	0.—	23
24	0.—	0.11	0.—	0.04	0.01	0.—	0.—	0.05	0.+	0.02	0.—	0.—	24
25	0.—	0.01	0.—	0.04	0.34	0.02	0.—	0.—	0.01	0.+	0.—	0.—	25
26	0.02	0.01	0.03	0.01	0.23	0.—	0.—	0.—	0.—	0.21	0.15	0.—	26
27	0.02	0.—	0.12	0.13	0.01	0.—	0.—	0.41	0.08	0.42	0.08	0.+	27
28	0.01	0.02	0.01	0.05	0.—	0.80	0.—	0.08	0.—	0.29	0.+	0.—	28
29	0.—	0.08	0.+	0.01	0.01	0.01	0.—	0.09	0.45	0.+	0.02	0.—	29
30	0.06	—	0.—	0.—	0.—	0.—	0.—	0.01	0.01	1.01	0.—	0.—	30
31	0.—	—	0.—	—	0.02	—	0.+	0.22	—	0.03	—	0.+	31
Totals	0.63	1.64	0.49	0.90	1.26	3.44	2.62	2.83	3.29	4.08	1.50	0.88	
Total from Jan. 1	0.63	2.30	3.09	3.99	5.25	8.69	11.31	14.14	14.43	21.51	23.01	23.89	

Kept at Carlton
in the County of Cambs

Lat. $52^{\circ} 08'$ Lon. $0^{\circ} 23'$ Time of Observation

RAIN GAUGE.

by G. Long
Diameter 5 inches

Height of top above Ground 1 ft

" " " Sea Level 320 ft

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	0.3	1.4*	—	0.1	—	—	1.20	0.6	—	—	1.15	1
2	0.02	0.7	0.1	—	0.4	—	—	—	0.2	—	1.15	—	2
3	—	3.1	0.4	—	—	—	—	1.29	—	1.2	0.6	0.3	3
4	—	0.7	0.1	—	—	—	—	1.11	—	—	—	0.2	4
5	0.10	—	—	—	—	1.4	0.6	—	—	0.5	0.5	—	5
6	—	—	—	—	—	0.1	—	0.3	—	1.0	—	0.9	6
7	—	0.1	—	—	—	—	—	—	—	1.20	0.6	0.2	7
8	0.06	0.1	—	—	—	—	—	—	—	0.6	—	1.14	8
9	0.1	—	—	—	—	—	1.6	—	1.5	—	—	—	9
10	0.3	1.3	—	—	—	—	5.3	1.23	—	1.81	0.3	1.17	10
11	—	0.6	—	—	—	—	—	1.20	—	0.6	—	0.2	11
12	—	0.3	—	—	—	1.63	1.89	—	1.5	—	—	—	12
13	—	0.5	0.1	—	—	—	0.3	0.2	—	—	—	0.24	13
14	0.7	1.2	—	—	—	0.1	0.1	—	—	3.6	0.2	1.20	14
15	0.1	0.2	—	—	—	—	—	—	—	0.8	1.31	—	15
16	1.2	1.3	1.0	0.8	0.01	—	—	—	—	—	0.2	—	16
17	1.7	—	1.2	—	0.2	—	0.4	—	—	—	0.1	—	17
18	0.5	0.6	—	—	1.32	—	—	—	—	3.0	0.4	0.1	18
19	0.1	0.2	—	—	0.2	—	1.2	—	—	—	1.19	1.14	19
20	—	—	—	—	0.1	1.66	1.26	—	0.8	—	1.34	1.18	20
21	1.5	0.17	—	—	0.9	0.1	1.30	—	1.0	—	—	1.13	21
22	—	1.84	—	—	—	1.0	1.7	1.02	—	1.43	—	—	22
23	0.2	2.4	—	—	—	1.20	—	0.2	0.2	0.2	—	—	23
24	—	0.4	—	—	—	0.2	1.24	1.36	0.4	—	—	—	24
25	0.2	0.1	—	—	—	—	—	—	—	—	—	—	25
26	1.0	0.2	—	—	—	—	—	—	0.4	0.9	1.81	—	26
27	0.1	2.7	—	—	—	1.0	1.68	—	1.1	1.04	1.28	0.4	27
28	0.6	1.5	—	0.1	—	1.2	—	1.16	0.5	—	—	0.1	28
29	0.3	—	—	—	0.5*	0.1	1.21	—	0.9	0.5	—	—	29
30	0.2	—	—	—	1.74	—	1.18	—	0.1	0.2	1.10	—	30
31	1.2	—	—	—	—	1.16	—	—	—	—	—	—	31
Totals	1.58	2.76	1.33	1.09	1.37	1.46	3.76	2.54	1.04	3.00	2.48	1.92	
Total from Jan. 1			1.43		1.32		3.57					22.75	

85

Edward Stanford

REGISTER OF RAINFALL IN 1894

Kept at Cambridge University & Town Water Works, C.^o
Pumping Station Cherryhinton
in the County of Cambridge.

by W.W. Gray

Diameter 5

Height of top above Ground

Lat. _____ Lon. _____ Time of Observation 9 a.m.

RAIN GAUGE.

" " " Sea Level 35

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.05	.07		.05		.20					.04	.02	1
2		.31		.08	.04	.01	.23		.12		.04		2
3	.02	.01				.12		.02	.03	.02	.04		3
4	.01	.01				.55		.10	.10	.10	.01		4
5	.06	.10				.02		.05	.11	.06	.08		5
6						.16		.02	.38	.09			6
7								.02	.01	.01	.53	.10	7
8	.10	.11				.19	.03	.05	.12	.01		.02	8
9	.18	.08			.04	.08		.25	.05	.10	.03	.01	9
10	.01					.09	.05	.56	.75	.09	.01		10
11	.08					.39		.12	.04		.03	.28	11
12	.01	.14				.01	.03	.02	.10			.96	12
13						.01	.02	.28	.03		.09	.04	13
14	.34	.05			.04			.02			.05	.64	14
15	.05	.02	.08			.10	.45	.03		.05	.12	.10	15
16	.02	.11	.13			.02		.02		.02	.01	.02	16
17	.04	.27				.10					.02	.03	17
18			.35			.02		.01		.06	.01	.06	18
19	.03								.11	.02		.01	19
20	.01					.06	.18		.02	.09	.10		20
21								.01	.11		.02	.01	21
22	.20							.64	.04	.01		.01	22
23		.15			.06	.03		.02	.58	.12	.06	.01	23
24	.04	.02			.28		.01	.45	.04	.12	.37	.01	24
25	.05				.09			.50	.59	.67		.01	25
26	.01					.75		.02	.01	.02	.20		26
27	.04	.04			.01	.01				.04		.01	27
28		.08			.04	.33					.32		28
29	.06				.06	.04		.01			.01	.04	29
30					.01	.19				.02	.12		30
31					.02	.18		.01				.02	31
Totals	1.41	1.24	.39	1.30	2.23	1.99	3.20	2.92	1.99	2.06	3.00	1.55	
Total from Jan. 1		2.65	3.04	4.34	6.57	8.56	11.81	14.73	16.72	18.78	21.78	23.33	

J. a

C. V. M.

REGISTER OF RAINFALL IN 1896

Kept at Palace Gardens Ely
in the County of Cambridgeshire

by George Russell Bullock Webster and
Henry Thomas Brasier

Diameter 5 inches

Height of top above Ground one foot

RAIN GAUGE

Lat. 52° 24' Lon. E

Time of Observation 9 a.m.

Sea Level 64 ft

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.01	-	.02	-	.02	-	-	-	.54	-	.12	-	1
2	-	-	.11	-	-	-	-	-	.02	-	.01	.50	2
3	.01	-	-	-	-	.01	.03	.03	.01	-	-	.02	3
4	-	-	.06	.20	-	.21	.02	.02	.42	.20	-	.56	4
5	-	-	.01	.01	-	-	-	.04	.18	.03	-	.03	5
6	-	.01	.12	-	-	.20	-	-	.01	.21	-	.05	6
7	.01	-	.23	-	-	.29	.12	-	.08	.15	.38	.01	7
8	-	.06	.02	-	-	.09	-	.02	.37	-	.02	.01	8
9	.02	-	.24	-	-	.28	-	.08	.03	-	-	.13	9
10	.01	-	.04	.04	-	.48	-	-	.47	.08	-	.02	10
11	.01	.01	.02	-	-	-	-	-	.12	.17	-	.17	11
12	.02	-	-	.08	.07	-	-	-	.97	.12	-	.27	12
13	.13	-	-	.01	-	-	-	.04	.05	.37	-	.08	13
14	.07	-	.07	.07	-	-	.03	-	.01	.09	.21	.02	14
15	.02	-	.06	.04	-	-	.15	.21	-	.15	-	.04	15
16	-	-	.04	.11	-	-	.20	-	.16	.12	-	-	16
17	-	-	.29	.01	-	.02	-	.09	.35	.06	-	.02	17
18	-	-	.29	-	.01	-	-	.03	.01	.01	.02	.02	18
19	-	-	-	-	-	-	-	.17	-	.76	.03	.01	19
20	-	.18	.40	-	.08	.10	-	-	.03	.14	-	.09	20
21	-	.09	.08	-	.14	-	.12	.27	.07	.04	-	.02	21
22	.01	-	.22	.03	.03	.01	-	.01	.09	-	-	-	22
23	-	-	-	-	-	.07	.10	.26	-	.01	-	-	23
24	.38	-	.01	-	-	-	-	.03	.49	.18	-	.32	24
25	.23	-	.03	.01	-	-	.01	-	.08	.21	-	.01	25
26	-	-	.06	-	-	-	.50	.02	.01	-	-	.11	26
27	10	.02	.13	.04	-	-	-	.11	.03	-	.03	.23	27
28	-	.09	.16	-	-	-	-	-	.02	-	-	.08	28
29	-	.27	.26	-	-	-	-	-	-	.08	-	.05	29
30	-	.01	.02	-	.06	.62	-	-	-	-	-	.02	30
31	-	.07	-	-	-	-	.21	-	-	-	-	-	31
Totals	1.03	.73	3.05	.67	.35	1.82	1.90	1.64	4.62	3.08	.82	2.89	
Total from Jan. 1	1.03	1.76	4.81	5.48	5.83	7.65	9.55	11.19	15.81	18.89	19.71	22.60	

A.A.

REGISTER OF RAINFALL IN 1896

Kept at The Observatory, Cambridge
in the County of Cambridgeshire

Lat. 52° 12' 51" N Lon. 22° 55' E Time of Observation 8 a.m.

RAIN GAUGE.

by A. Walker

Diameter 8 inches

Height of top above Ground 1 foot

,, Sea Level 84 feet

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0.008	0.000	0.080	0.053	0.010	0.000	0.000	0.040	0.636	0.000	0.116	0.030	1
2	0.00	0.00	0.80	0.00	0.08	0.00	0.00	0.00	0.49	0.00	0.16	4.51	2
3	0.04	0.00	0.00	0.00	0.00	0.20	0.41	0.17	0.00	0.00	0.00	0.020	3
4	0.00	0.00	0.03	1.62	0.00	2.39	0.02	0.00	4.70	1.56	0.00	3.60	4
5	0.00	0.00	0.02	0.10	0.00	0.03	0.00	0.00	0.18	0.20	0.00	0.53	5
6	0.00	0.00	0.90	0.00	0.00	3.04	0.00	0.00	0.08	1.66	0.00	0.27	6
7	0.00	0.00	2.20	0.00	0.00	2.48	2.24	0.00	0.70	1.48	4.07	0.00	7
8	0.12	0.70	0.00	0.00	0.00	0.15	0.00	3.68	1.85	0.00	0.30	0.00	8
9	0.00	0.00	3.30	0.00	0.00	5.15	0.00	0.60	0.06	0.00	0.00	1.89	9
10	0.11	0.00	0.07	1.29	0.00	7.02	0.00	0.30	2.30	0.32	0.00	0.10	10
11	0.10	0.16	0.20	0.58	0.00	0.00	0.00	0.06	2.92	1.38	0.00	1.33	11
12	0.00	0.00	0.00	0.51	0.24	0.00	0.00	0.00	1.050	2.10	0.00	2.92	12
13	0.60	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.058	1.80	0.05	0.55	13
14	0.65	0.00	0.91	0.31	0.00	0.00	0.00	0.00	0.00	1.60	1.40	0.62	14
15	1.36	0.00	0.30	0.10	0.00	0.00	0.30	0.00	0.00	2.20	0.04	0.30	15
16	0.00	0.00	0.18	0.99	0.00	0.00	1.30	0.00	0.03	2.79	0.00	0.00	16
17	0.00	0.00	2.73	0.00	0.00	0.12	0.00	1.20	3.10	0.20	0.00	0.05	17
18	0.00	0.00	4.04	0.00	0.07	0.00	0.00	0.89	0.02	0.00	0.19	0.02	18
19	0.00	0.00	0.00	0.00	0.37	0.00	0.00	4.42	0.00	7.23	0.00	0.01	19
20	0.00	1.29	4.09	0.00	0.38	0.18	0.00	0.00	0.46	0.60	0.00	1.00	20
21	0.00	0.58	0.80	0.00	1.61	0.00	0.30	3.61	1.20	0.50	0.00	0.03	21
22	0.00	0.00	2.18	0.21	0.22	0.00	0.00	0.00	1.22	0.00	0.00	0.00	22
23	0.09	0.00	0.00	0.00	0.00	0.21	0.00	0.69	0.03	0.00	0.00	0.00	23
24	2.34	0.00	0.07	0.00	0.00	0.06	0.00	2.38	3.84	0.80	0.00	3.20	24
25	2.49	0.00	0.00	0.00	0.00	0.00	0.34	0.90	1.87	1.16	0.00	0.07	25
26	0.00	0.00	0.51	0.00	0.00	0.00	1.72	0.00	0.03	0.00	0.00	1.30	26
27	0.59	0.11	0.00	0.00	0.10	0.00	0.20	0.32	0.00	0.50	1.51	0.00	27
28	0.00	0.12	2.07	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.76	28
29	0.00	2.30	2.36	0.40	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.17	29
30	0.00	0.08	0.70	0.00	0.30	0.80	0.00	0.00	0.00	0.00	0.00	0.07	30
31	0.00	0.12	0.00	0.00	0.00	0.00	1.56	0.00	0.10	0.00	0.07	0.00	31
Totals	0.857	0.526	2.876	0.740	0.307	2.143	0.763	2.106	4.301	2.768	0.787	2.538	
Total from Jan. 1											20.712	9	

REGISTER OF RAINFALL IN 1897

Kept at Bartlow
in the County of Cambs.

Lat. $52^{\circ} 8'$ Lon. $0^{\circ} 23'$ Time of Observation 9 a.m.

by Gerald H. Long

Diameter 5 in.

Height of top above Ground 1 foot

" " Sea Level 340 ft.

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			1.5	.03		.07			.25				1
2	.05	.42	.15*		.06					.28			2
3			.01										3
4		.12	.20		.07				.11				4
5	.09	.23	.12					.20	.54				5
6	.13	.49				.21	.31				.03		6
7	.20			.23		.18			.07		.02	.28	7
8	.22					.65		.27					8
9	.10			.16		.32					.06		9
10	.01		.20									.27	10
11		.02			.07				.07	.02			11
12	.01	.04	.15									.19	12
13	.01	.01		.08				.03		.05		.10	13
14	.06	.02	.31							.02	.15	.11	14
15			.21					.03					15
16	.37	.04	.30								.05		16
17		.27	.22		.14				.08			.03	17
18	.04	.04			.18			.37	.23	.18			18
19	.20	.03	.10		.36	.05			.38	.06			19
20	.15		.01		.03	.09	.13						20
21			.16			.60	.10						21
22	.36								.05				22
23	.06								.03				23
24	.06				.07			.13	.09	.01			24
25				.10	.02	.01				.02			25
26			.15			.03	.29	.53		.01	.20	.06	26
27			.07		.25	.02				.02	.24	.04	27
28	.04	.06		.20	.04	.05					.12	.05	28
29	.03				.15	.02		.03	.83		.06	.12	29
30	.04			.26	.04			.18	.02		.02	.02	30
31			.28		.35							.03	31
Totals	1.83	2.01	2.37	1.75	1.03	2.31	1.04	2.15	2.90	1.72	1.47	1.57	
Total from Jan. 1	1.83	3.84	6.21	7.96	8.99	11.30	12.34	14.49	17.39	18.11	19.08	20.65	

REGISTER OF RAINFALL IN 1898
*Kept at The Palace, Ely
in the County of Cambridge
by the Rev. G.R. Bullock-Webster*

Approved by R.M.S.

Lat. $52^{\circ} 24' N.$ Lon. $0^{\circ} 15' E.$
Time of Observation 9 a.m.
Diameter 6 inches
Height of top above Ground 1 foot
,, , Sea Level 64

Note.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	'19	-	08	-	26	04	68	-	-	-	-	.01	1
2	02	-	02	-	03	02	-	-	-	-	15	-	2
3	02	09	22	07	17	-	-	08	-	-	09	-	3
4	43	02	02	-	10	-	02	73	-	02	04	-	4
5	40	10	02	-	33	-	01	10	-	03	05	-	5
6	04	02	-	-	08	22	-	115	-	-	01	.84	6
7	-	-	01	-	03	02	-	38	-	-	-	.21	7
8	01	-	-	10	09	-	-	08	-	-	-	14	8
9	-	02	-	10	08	74	02	03	-	-	06	.01	9
10	-	-	17	25	18	01	16	-	-	02	01	-	10
11	-	02	-	10	20	-	-	01	-	02	01	-	11
12	-	12	-	03	11	01	-	-	-	03	09	-	12
13	-	02	04	-	36	-	-	-	-	04	01	-	13
14	-	02	-	09	01	-	-	-	-	01	-	.03	14
15	-	-	01	-	06	-	-	13	-	03	02	01	15
16	-	01	-	03	02	-	-	02	-	23	01	10	16
17	-	10	-	-	-	-	-	-	-	18	-	.02	17
18	03	-	-	-	-	02	05	-	03	52	-	.35	18
19	02	01	11	-	04	-	-	06	-	.21	-	-	19
20	-	-	01	-	68	-	-	-	-	44	02	.09	20
21	-	-	-	-	02	08	01	-	-	01	17	-	21
22	-	04	07	-	03	-	13	-	-	01	03	-	22
23	-	07	22	-	-	03	-	05	-	-	06	-	23
24	-	-	20	-	-	18	-	-	-	04	09	.02	24
25	-	-	06	-	-	23	-	-	-	02	16	-	25
26	-	08	30	40	-	50	-	02	-	-	35	-	26
27	-	08	08	33	15	11	-	03	-	-	02	.07	27
28	-	-	02	15	-	-	30	.06	-	-	10	.16	28
29	07	01	02	07	11	02	04	-	29	58	.01	.12	29
30	-	-	-	02	32	-	-	-	-	03	04	-	30
31	.09	-	-	-	13	-	-	-	-	-	-	.15	31
Totals	1.32	.82	1.51	1.66	3.66	2.40	1.27	2.67	.32	2.45	1.60	2.34	
Total from Jan. 1	1.32	2.14	3.65	5.31	8.97	11.37	12.64	15.31	15.63	18.08	19.68	22.02	✓

S.A.

REGISTER OF RAINFALL IN 1899.

Kept at Fenton Hall,
in the County of Cambridge
by A. S. nice.

Lat. Lon.
Time of Observation 9 a.m.
Diameter 5 inches, "
Height of top above Ground 1.6
,, , Sea Level

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall of the British Isles," which is sent post-free on application to Mr. G. J. SYMONS, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.14	-	-	-	-	-	.39	-	-	.36	-	.24	1
2	.12	-	-	-	-	-	.07	-	.26	.02	.43	-	2
3	.02	-	-	-	-	-	.51	-	-	.09	.98	.03	3
4	-	-	-	.05	-	-	-	-	.02	.08	.22	.23	4
5	-	.19	-	.04	-	-	-	.07	-	-	.93	.34	5
6	.02	.15	-	.16	-	-	-	.08	.26	.05	.04	.19	6
7	.05	.15	-	.40	-	-	.40	.02	.49	-	.22	.04	7
8	-	.16	.17	.08	.10	-	-	-	.02	-	-	-	8
9	.02	.07	-	.31	.01	-	-	-	-	-	.29	-	9
10	.05	-	-	.08	.02	-	.09	-	-	-	.02	-	10
11	.20	-	-	.05	-	-	.17	-	-	-	.07	-	11
12	.09	.02	-	-	.13	-	-	-	-	-	.13	-	12
13	.28	-	-	.23	-	-	-	-	-	-	-	-	13
14	-	-	-	.25	.19	-	-	-	-	-	-	-	14
15	.44	.40	-	.02	.29	-	-	.86	.20	-	-	-	15
16	.03	-	.02	.04	.06	-	-	-	.03	-	-	-	16
17	.16	-	-	.03	-	-	.22	-	.02	-	-	.03	17
18	-	-	-	-	.05	-	-	.05	-	-	-	-	18
19	.05	-	-	-	.30	.25	-	.06	.23	-	.04	-	19
20	.05	-	-	-	.16	.01	-	-	.05	-	.02	-	20
21	.03	-	.41	-	.19	-	.01	-	.13	-	-	.02	21
22	.06	-	-	-	.05	.26	.60	-	-	-	.03	.03	22
23	.06	-	-	.02	.05	-	1.33	-	.12	-	-	.10	23
24	-	-	-	.17	.42	.12	-	-	.06	-	-	.02	24
25	-	-	.20	.26	-	.03	-	-	.05	-	-	.04	25
26	-	-	-	-	.02	-	.02	-	.04	.28	-	.05	26
27	-	-	.08	.02	-	-	-	.02	.05	.60	-	-	27
28	.08	-	-	-	-	.03	-	-	-	.07	-	.28	28
29	.04	-	-	.21	-	.07	-	.13	.98	.34	-	.18	29
30	-	.16	-	-	.58	-	.01	-	.02	-	-	-	30
31	.02	.02	-	-	-	-	.20	-	-	-	-	-	31
Totals	2.01	1.14	1.06	2.42	1.99	1.40	3.64	1.45	3.00	1.95	3.29	1.79	
Total from Jan. 1	2.01	3.15	4.21	6.63	8.62	10.02	13.66	15.11	18.11	20.06	22.35	25.14	

Co.

REGISTER OF RAINFALL IN
Kept at The Palace, Ely
in the County of Cambridge
by the Rev: G.R. Bullock Webster

1900

Lat. $52^{\circ} 24'$ Lon. $0^{\circ} 15'$ E

Time of Observation 9 a.m.

Diameter 5 m.

Height of top above Ground 1 foot

,, " Sea Level 64 ft.

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall," which is sent post-free on application to Mr. SOWERBY WALLIS or Dr. H. R. MILL, at 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.50	-	.02	-	-	.43	-	.31	.01	.01	.28	.08	1
2	.10	1.10	.03	.01	-	.08	.04	.24	.05	.01	.01	.02	2
3	.31	.10	.04	.16	-	-	.05	.46	-	-	.02	.13	3
4	.05	.05	.02	.09	-	-	.02	.01	-	.46	.25	.05	4
5	.02	.02	.05	.19	-	.22	.02	.10	-	.05	.02	.34	5
6	.67	.0	.01	.02	.04	.08	.03	.26	-	-	.22	-	6
7	.14	.0	-	.10	-	.06	-	.04	.04	-	.15	.02	7
8	.04	.0	-	.01	.48	.14	-	-	-	-	.01	.01	8
9	.03	.0	-	-	.05	-	-	.40	-	-	-	-	9
10	.01	.15	-	.12	-	-	-	.06	-	-	-	-	10
11	-	-	-	.03	-	-	-	-	-	-	-	.01	11
12	-	-	.01	.07	.04	.23	-	-	-	-	.18	.02	12
13	-	.50	-	-	-	.05	-	-	-	.13	.13	-	13
14	.05	-	-	-	-	.08	-	-	-	-	.06	.03	14
15	.03	.35	.09	-	-	.05	.71	-	-	-	.06	.02	15
16	.10	.14	.02	.02	-	.02	-	-	.01	.01	.04	-	16
17	.04	.02	-	.09	-	-	-	-	-	.04	.06	-	17
18	-	.23	.23	.01	-	-	-	.01	.04	.06	.01	.04	18
19	.24	.13	.02	-	-	-	.15	-	-	.02	.01	.01	19
20	-	.08	-	-	-	.07	.02	.02	-	.04	.04	.06	20
21	.30	.13	.03	-	-	.15	-	.04	-	.18	.01	-	21
22	.01	.12	.01	-	.25	.52	-	-	-	.02	.02	-	22
23	.01	.08	-	-	.01	.02	-	.01	-	-	-	-	23
24	.18	.17	-	.03	.15	.08	-	.01	.05	.04	.31	.03	24
25	.02	.02	.04	-	.04	.10	-	.42	.01	.06	.10	.02	25
26	.02	.13	.04	-	.01	.04	.10	-	.04	.34	.03	.21	26
27	.21	.10	.24	-	.04	-	-	-	.11	.26	.01	.04	27
28	.05	.03	-	-	-	.02	-	-	.01	.41	.08	.01	28
29	.03	-	-	.01	-	.15	-	-	-	.12	.01	.02	29
30	.01	-	.01	.04	-	-	-	-	.17	.12	.02	.02	30
31	.01	-	-	-	.03	.04	.04	.26	-	.04	-	.05	31
Totals	3.20	3.75	.91	1.10	1.14	2.60	1. ²⁰ ₃₀	2.65	.54	2.43	2.16	2.30	
Total from Jan. 1	3.20	6.95	7.86	8.96	10.10	12.70	13. ⁹⁰ ₇₀	16. ⁵⁵ ₇₃	17.16	19. ⁵⁵ ₇₃	21. ⁷¹ ₈₉	24. ⁰¹ ₁₆	

S. a

REGISTER OF RAINFALL IN 1901

Kept at 13 Sidney Street, Cambridge
 in the County of Cambridgeshire
 by W.C. Rain. F.R.Met. Soc.

Lat. Lon.
 Time of Observation
 Diameter as before
 Height of top above Ground.
 " " Sea Level.

NOTE.—Full instructions respecting the measurement of rain are given in "Arrangements respecting the Systematic Observation and Record of the Rainfall," which is sent post-free on application to Mr. SOWERBY WALLIS or Dr. H. R. MILL, at 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	1
2	0.—	0.—	0.13	0.02	0.—	0.—	0.22	0.—	0.—	1.15	0.—	0.—	2
3	0.+	0.—	0.04	0.54	0.—	0.—	0.+	0.—	0.—	0.14	0.—	0.—	3
4	0.—	0.06	0.16	0.+	0.—	0.—	0.—	0.+	0.—	0.05	0.02	0.—	4
5	0.01	0.06	0.12	0.02	0.—	0.—	0.09	0.04	0.—	0.04	0.01	0.01	5
6	0.—	0.+	0.10	0.19	0.09	0.—	0.36	0.—	0.—	0.13	0.01	0.—	6
7	0.01	0.—	0.34	0.01	0.08	0.—	0.+	0.—	0.+	0.+	0.—	0.16	7
8	0.08	0.—	0.+	0.02	0.14	0.—	0.—	0.—	0.44	0.02	0.—	0.10	8
9	0.01	0.—	0.—	0.25	0.10	0.—	0.—	0.—	0.+	0.+	0.—	0.—	9
10	0.—	0.+	0.—	0.13	0.+	0.—	0.—	0.—	0.01	0.03	0.—	0.—	10
11	0.—	0.—	0.+	0.45	0.—	0.—	0.—	0.03	0.04	0.—	0.11	0.01	11
12	0.—	0.—	0.—	0.03	0.—	0.10	0.10	0.02	0.+	0.—	0.04	0.62	12
13	0.—	0.—	0.—	0.09	0.—	0.16	0.—	0.—	0.01	0.—	0.42	0.03	13
14	0.—	0.02	0.—	0.24	0.—	0.02	0.—	0.54	0.—	0.—	0.+	0.06	14
15	0.—	0.—	0.06	0.05	0.—	0.—	0.—	0.26	0.—	0.02	0.—	0.+	15
16	0.—	0.04	0.08	0.04	0.—	0.+	0.—	0.+	0.45	0.34	0.—	0.+	16
17	0.04	0.05	0.+	0.—	0.—	0.01	0.—	0.—	0.24	0.01	0.01	0.01	17
18	0.04	0.04	0.+	0.—	0.—	0.+	0.—	0.—	0.01	0.16	0.—	0.—	18
19	0.03	0.05	0.19	0.—	0.—	0.05	0.—	0.—	0.+	0.01	0.—	0.—	19
20	0.—	0.—	0.01	0.—	0.—	0.03	0.—	0.—	0.15	0.—	0.04	0.—	20
21	0.+	0.18	0.—	0.—	0.—	0.07	0.—	0.—	0.01	0.+	0.05	0.—	21
22	0.—	0.01	0.02	0.—	0.—	0.+	0.+	0.—	0.+	0.01	0.06	0.—	22
23	0.—	0.+	0.—	0.—	0.—	0.—	0.—	0.—	0.+	0.—	0.—	0.03	23
24	0.01	0.02	0.05	0.—	0.—	0.11	0.32	0.—	0.—	0.08	0.—	0.40	24
25	0.—	0.+	0.01	0.—	0.+	0.—	0.23	0.49	0.—	0.—	0.03	0.01	25
26	0.—	0.05	0.02	0.02	0.—	0.—	0.30	0.16	0.—	0.+	0.01	0.—	26
27	0.14	0.01	0.02	0.08	0.—	0.—	0.+	0.01	0.—	0.—	0.+	0.+	27
28	0.04	0.06	0.06	0.—	0.+	0.—	0.—	0.+	0.—	0.—	0.—	0.22	28
29	0.02		0.01	0.—	0.40	0.—	0.—	0.—	0.—	0.04	0.—	0.12	29
30	0.—		0.23	0.—	0.02	1.22	0.—	0.14	0.—	0.+	0.—	0.02	30
31	0.02		0.01		0.—		0.—	0.01		0.—		0.02	31
Totals	0.45	0.65	1.44	2.18	0.85	1.44	1.64	1.43	1.36	2.36	1.11	1.82	
Total from Jan. 1	0.45	1.10	2.88	5.065	5.90	4.684	9.354	11.084	12.445	14.8879	15.90	14.42	

S. o.

REGISTER OF RAINFALL IN

Kept at Benet Place Cambridge
in the County of Cambridge
by Rev. J. Wardale

1902,
Lat. 52° 12' Long. 0° 17 $\frac{1}{2}$ ' E
Time of Observation 9 a.m.
Diameter 5 inches
Height of top above Ground 1 ft
" " Sea Level 42 ft

NOTE.—Full instructions respecting the measurement of rain are given in "The British Rainfall Organization—Rules for Rainfall Observers," which is sent post-free on application to Mr. SOWERBY WALLIS or Dr. H. R. MILL, at 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.06		.02			.10	.10			.02		.23	1
2		.04			.07	.11			.03			.02	2
3		.05			.23	.12			.11			.02	3
4		.11			.13	.13	.03		.17				4
5					.38	.03			.44		.01	.10	5
6						.13	.22		.54			.02	6
7						.03	.02	.08	.65		.02		7
8							.10		.08			.06	8
9							.03	.23	.03	.03	.29		9
10		.04						.10	.01	.20	.10		10
11		.03			.07		.02		.04	.30	.10	.06	11
12							.07	.40			.02	.05	12
13								.30			.06	.01	13
14		.04	.32			.03					.07	.07	14
15						.10	.12	.42		.01	.03	.20	15
16							.29					.02	16
17							.11		.03	.12		.26	17
18							.29			.33			18
19		.01			.04	.05		.06	.12		.12		19
20					.06		.09		.05				20
21					.06	.01					.07	.01	21
22		.03	.42			.06	.38		.03				22
23		.06				.09							23
24		.02	.24	.19						.03		.32	24
25									.12			.10	25
26									.04	.07		.06	26
27													27
28												.08	28
29												.12	29
30													30
31													31
Totals													
	.45	1.08	.83	.93	3.71	1.93	.76	3.24	.68	1.26	1.19	1.06	
Total from Jan. 1		1.53	2.36	3.29	7.00	8.93	9.69	12.93	13.61	14.87	16.06	17.12	

S.A.

REGISTER OF RAINFALL IN 1903

Kept at The Priory Chatteris

in the County of Cambridge

by Herbert Fane Fyfe

NOTE.—Full instructions respecting the measurement of rain and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

RAIN GAUGE.

Lat. 52° 27' Long.

Nearest Railway Station Chatteris

Time of Observation 9 A.M.

Diameter 5 in.

Height of top above Ground ft. 8 in.

" " Sea Level 31 ft.

BRITISH RAINFALL FORM A.

Date.	JAN.	FEB.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	Date.
1	.10		.09	.30	.06								1
2	.17		.12	.10	.13			.50	.16		.23		2
3	.10		.20	.20	.20				.03	.22		.17	3
4	.40			.12	.17				.26	.45			4
5	.25				.07	.01							5
6			.11		.18					.40			6
7			.07		.06				.06	.31	.02	.12	7
8	.09				.36				.21	.69	.01	.23	8
9			.17						.05		.07	.05	9
10			.05		.41			.08	.90	.10	.05	.22	10
11					.10		.05	.29		.72			11
12	.10		.10				.14			.54	.10		12
13						.76					.06		13
14			.12	.04		.31	.09	.10		.41	.03		14
15			.07		.09	.47	.49		.03				15
16					.12	.58	.10	.59			.11		16
17			.20		.17	.30	.15	.18	.35		.26		17
18	.15						.50	.13		.08			18
19						.42		.08		.07	.07	.10	19
20			.09					.42		.10			20
21							.10			.03			21
22	.15	.07					.15		.15	.09			22
23	.10	.55					1.52				.05		23
24	.19							.76	.12	.20			24
25	1.5	.12	.08				.30			.21	.04	.05	25
26	.05		.16				.50	.05		.08	.11		26
27	.37		.06	.10			.30		.07	.48	.63		27
28			.11				.20	.11	.13	.06	.31		28
29			.11		.05				.31		.03		29
30			.04	.37			.26						30
31													31
Totals	1.88	.72	2.01	1.68	2.17	2.85	4.36	3.49	2.45	5.48	2.01	1.00	
Total from Jan. 1	1.88	2.60	4.61	6.29	8.46	11.31	15.67	19.16	21.61	27.09	29.10	30.10	

W.E. Rain S.R. Met. Soc.

REGISTER OF RAINFALL IN 1904

Kept at 13 Sidney Street Cambridge
in the County of Cambridgeshire
by W.E. Rain S.R. Met. Soc.

Lat. Long.
Nearest Railway Station Cambridge
Time of Observation 9 A.M.
Diameter 8 in.
Height of top above Ground 60 ft. — in.
" " Sea Level 92 ft.

FORM A.
BRITISH RAINFALL

NOTE.—Full instructions respecting the measurement of rain and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Date.	JAN.	FEB.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	Date.
1	0. —	0.26	0.02	0.01	0.14	0.13	0. —	0. —	0.04	0.05	0.01	0. —	1
2	0. —	0.11	0.05	0.01	0.02	0. —	0.14	0. —	0.14	0. —	0. —	0.03	2
3	0.03	0.11	0.09	0. —	0.05	0. —	0.01	0. —	0.05	0. —	0. —	0.01	3
4	0.01	0.06	0.01	0.10	0. —	0. —	0. —	0. —	0. —	0. —	0. —	0.03	4
5	0. —	0.01	0.01	0.04	0. —	0. —	0. —	0. —	0. —	0.08	0. —	0.04	5
6	0.01	0.06	0.02	0. —	0.19	0. —	0. —	0. —	0.02	0. —	0.23	0.45	6
7	0.01	0.10	0.08	0.01	0.04	0. —	0. —	0. —	0.03	0.06	0.27	0.03	7
8	0.04	0.08	0. —	0.05	0. —	0. —	0. —	0. —	0.02	0. —	0.02	0.02	8
9	0.01	0.45	0.01	0.01	0.02	0.22	0. —	0. —	0. —	0. —	0. —	0.22	9
10	0.14	0.36	0. —	0.16	0.01	0. —	0. —	0. —	0. —	0. —	0.19	0.02	10
11	0.02	0.01	0. —	0. —	0.01	0. —	0. —	0.11	0. —	0. —	0. —	0.23	11
12	0.12	0.11	0. —	0.08	0. —	0. —	0. —	0.03	0.12	0. —	0. —	0. —	12
13	0.02	0. —	0. —	0. —	0. —	0.02	0. —	0. —	0. —	0. —	0. —	0. —	13
14	0. —	0. —	0.01	0.01	0. —	0.24	0. —	0.05	0.26	0. —	0. —	0.34	14
15	0. —	0. —	0. —	0.12	0. —	0. —	0. —	0.04	0. —	0. —	0. —	0.01	15
16	0. —	0.14	0. —	0. —	0. —	0. —	0. —	0.01	0. —	0.11	0. —	0. —	16
17	0.01	0.12	0. —	0. —	0. —	0. —	0. —	0.22	0. —	0. —	0. —	0. —	17
18	0.05	0.01	0. —	0. —	0. —	0. —	0. —	0. —	0. —	0. —	0. —	0. —	18
19	0.04	0.11	0.04	0. —	0. —	0. —	0. —	0. —	0. —	0. —	0.01	0.01	19
20	0.08	0. —	0. —	0. —	0. —	0. —	0. —	0. —	0. —	0. —	0. —	0. —	20
21	0.01	0. —	0.03	0. —	0.04	0. —	0. —	0.01	0. —	0.31	0.16	0. —	21
22	0. —	0. —	0. —	0.18	0. —	0. —	0.03	0.04	0.02	0.03	0.03	0. —	22
23	0. —	0. —	0. —	0. —	0.08	0. —	0. —	0.06	0.20	0.24	0.23	0.03	23
24	0. —	0. —	0.02	0. —	0.04	0.02	0. —	0.02	0.05	0.02	0. —	0.01	24
25	0.03	0. —	0.01	0. —	0.02	0.01	0.57	0.01	0. —	0. —	0. —	0. —	25
26	0.01	0. —	0. —	0. —	0.02	0.16	0.14	0. —	0. —	0. —	0. —	0.03	26
27	0.05	0. —	0. —	0. —	0.08	0. —	0.22	0. —	0.01	0. —	0. —	0.02	27
28	0.03	0. —	0.22	0. —	0. —	0. —	0.01	0. —	0. —	0. —	0.01	0.01	28
29	0.02	0.03	0.25	0.02	0. —	0. —	0.18	0. —	0. —	0. —	0. —	0.05	29
30	0.15	—	0.30	0. —	0.01	0.01	1.18	0. —	0.56	0.02	0. —	0. —	30
31	0.14	—	0.04	—	0.36	—	0. —	1.03	—	0.08	—	0.01	31
Totals	1.09	2.16	1.19	0.64	1.40	0.85	24.5	1.63	1.35	0.95	1.16	1.60	
Total from Jan. 1	1.09	3.25	4.44	5.11	6.51	7.36	9.81	11.44	12.79	13.94	14.90	16.50	

K/4000/12/04. EDWARD STANFORD, 12, 13, & 14 LONG ACRE, W.C. Price, on extra tough paper. 3d. 164

REGISTER OF RAINFALL IN 1906													
Kept at Heatherdene, Fenwick Avenue, in the County of Cambridge. by W. B. Parsons, J.P.								Lat. Long. Nearest Railway Station Cambridge, Jan. 1907 Time of Observation 9 A.M. Diameter 8 in. Height of top above Ground 1 ft. 2 in. " " Sea Level ft.					
RAIN GAUGE.													
Date.	JAN.	FEB.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	Date.
1			in.	in.	in.	in.	in.	in.	in.	.20	.05	.01	1
2		.23	.01		.10	.08		.04		.50	.12		2
3	.04										.15	.01	3
4	.52	.12			.25					.03	.52	.05	4
5	.40				.05							.05	5
6	.05										.26	.02	6
7	.27		.02								.15	.31	7
8	.02		.05								.18	.36	8
9	.07	.13			.07						.18	.08	9
10		.14	.14		.01	.03	.01	.09					10
11	.15	.02	.14					.01				.08	11
12	.34		Snow .13					.05		.01	.12	.04	12
13	.06	.05		.07				.02	.31	.23		.19	13
14		.04	.10			.04			.16		.01	.05	14
15	.04	.02	.04			.20	.02	.05			.11	.25	15
16	.08	.24	.02		.14	.12			.07	.01	.36	.29	16
17	.14		.06	.03		.03		.05	.06	.22	.11		17
18	.15	.09	.02					.04		.02	.36	.01	18
19			.11		.02			.04		.01	.01		19
20	.14	.14	.12	.05	.20					.03	.02	.18	20
21	.02			.04	.08							.01	21
22	.24				.12	.02			.03	.03			22
23			.05	.10	.13	.14							23
24		.04	.06		.01				.18		.11		24
25	.02		.15		.02						.01	.41	25
26		.08	.04		.19						.06	.03	26
27		.13		.18	.01	.35	.20			.03		.13	27
28		.01		.02		2.17					.20	.18	28
29	.03			.04		.22	.22			.14	.05		29
30				.24	.01		.01			.50		.10	30
31	.03				.04					.01		.05	31
Totals	2.81	1.48	1.47	.93	1.25	3.50	.61	.73	.62	3.06	3.12	2.22	
Total from Jan. 1	2.81	4.29	5.76	6.69	7.94	11.44	12.05	12.78	13.40	16.48	19.58	21.80	

FORM A.
BRITISH RAINFALL.

Jan. 1907

EDWARD STANFORD, 12, 13, & 14 LONG ACRE, W.C.

Price, on extra tough paper 3d.
172 days

REGISTER OF RAINFALL IN 1906													
Kept at		Chatteris Cambridge											
in the County of		Cambridge											
by		at Harold Ruston											
Lat.	Long.												
Nearest Railway Station													
Time of Observation													
Diameter of Rain Gauge in.													
Height of top of Gauge above Ground ft. in.													
Sea Level ft.													
" " " "													
NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.													
Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1		'01	.16		'02	'09				'13	.11	'07	1
2	'08	'18	.01	.06	.07	.04		'08		'65	.17		2
3	'08								'04		.27	.05	3
4	'29	'09	.01	.02	.15					'09	.19	.07	4
5	.62												5
6	'15							'06	.07		.25	.08	6
7	.42		.03		.19					'15	.55		7
8	-	.14	.03		.12			'20		'11	.09	.13	8
9	.15	.13	.01							'13	.07		9
10	-		.20					'03	.03				10
11	.09	.06	.10	.03						'04		.13	11
12	.29		.09							'12			12
13	.05							'03	.17	.25		.08	13
14	-	.07	.08			'06			'31			.05	14
15	-	.13	.02		'08	.72	.12	.04			.11	.30	15
16	.14	.29			'05	.35		'06	.20	.07	.33	.29	16
17	.23								'14	.07	.08	.06	
18	.23	.15	.01					'12		.03	.70	.02	.07
19	-	.19	.05		.02					'01			19
20	.11		.12		.37					'02	.04	.14	20
21			.03			'04			'04		.01	.01	21
22			.02	.07	.03	'60					.05		22
23			.14	.20	.11		'07						23
24	.22	.08	.17	.05				'23		'12			24
25			.26		.02							.45	25
26			.09	.04		.17					.03	.07	.21
27			.16		.24	.05	.05				.03		.10
28			.01		.05	1.45					.20	.02	.08
29			.02				'15	.08			.16		29
30								.02			.45		30
31											.01	.03	31
Total	3.17	1.78	1.58	.74	1.47	3.55	.53	1.04	.93	3.33	3.46	2.15	TOTAL for year
No. of Rain Days	17	15	20	9	15	9 ¹⁰	7 ⁸	11	8	20	16	17 ¹⁸	

EDWARD STANFORD, 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

23.73 22.73 Price 2d.

50.
REGISTER OF RAINFALL IN 1908

Kept at Cherwell Pumping Station
in the County of Cambridge
by Wm. W. Gray A.M.I.C.E.

Lat.	Long.
Nearest Railway Station Cambridge	
Time of Observation 9 am	
Diameter of Rain Gauge 5 in.	
Height of top of Gauge above Ground 1 ft	
Sea Level 35 ft.	

NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			.15			.04			.19				1
2		.03	.05		.06				.03				2
3			.03	.05	.04		.16		.15				3
4				.15	.02	.30	.01	.03	.04			.09	4
5	.02		.14	.09	.03			.15				.02	5
6	.03		.08	.02	.13							.08	6
7	.35		.05		.08								7
8	.15		.03		.02	.10	.22					.04	8
9	.01	.05	.02			.02	.45		.02	.30		.08	9
10		.03					.02					.02	10
11			.08	.25					.55		.10	.04	11
12							.36	.09			.01	.19	12
13					.06	.05	.15				.04	.20	13
14					.05		.03					.24	14
15	.02	.10	.08		.16		.31		.16				15
16	.01	.20			.01	.45	.35		.05	.55		.05	16
17		.10				.09	.21	.02				.18	17
18		.04					.45		.03		.03	.02	18
19	.02		.06	.34			.04					.02	19
20			.04				.02	.20				.03	20
21			.02					.24			.33		21
22		.16	.04	.01				.05			.08		22
23		.03		.90	.03			.32	.32	.04			23
24	.02	.05			.02				.10	.15	.04		24
25		.06	.53	.06	.03				.04	.10	.01		25
26		.06	.03					.13		.02			26
27		.13	.13	.08				.06	.03	.18			27
28	.05	.04		.20				.18		.03	.02	.02	28
29	.03	.02	.10	.10	.02			.10			.10	.23	29
30	.01		.10	.04				.05		.02	.01		30
31					.13			.34				.02	31
Total	.72	1.04	1.68	2.18	1.14	1.05	2.98	1.96	1.94	1.42	.83	1.60	TOTAL for year 18.20
No. of Rain Days	12	14	14	15	14	7	14	14	13	9	11	18	161

EDWARD STANFORD, 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London

Price 2d.

REGISTER OF RAINFALL IN 1909

210
FORM A.
BRITISH RAINFALL
STED 1910

Kept at Cambridge Backhouse -
Harvey Rd
in the County of Camb
by Smith Nuttall

	Lat.	Long.											
	Nearest Railway Station												
	Time of Observation												
	Diameter of Rain Gauge	in.											
	Height of top of Gauge above Ground	ft.	in.										
	" "	Sea Level	ft.										
NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.													
Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1 06	. 72	. .	. 59	. 05	. 04	. 19	. .	1
2	. 02	. .	. 30 06	. .	. 02	. .	. 04	. 02	. 50	2
3	. 02	. 03	. 02 08	. 04	. .	. 19	. 02	. 05	. .	3
4 55	. .	. 14	. .	. 02	. 24	. .	4
5	. 04	. .	. 02 03	. 06	. 06	. 15	. .	. 04	. .	5
6 54 05	. 25	. 04	. .	. 02	. 03	. .	6
7	. 15	. .	. 09 22	. 22	. 36	. .	. 03	. .	7
8	. 01	. 01 17	8
9	. 15	. 09	. 14 45 07	9
10	. 12	. 03 03	. 16	. 04	. 08	. .	. 18	. .	10
11 02 11	. 18	. .	. 26	. .	. 01	. .	11
12 03	. 03	. 01 32	. 01	. .	. 02	. .	12
13	. 05	. .	. 17	. 10 01	. 06	. 10	13
14	. 06	. 02	. 12	. .	. 03 14	. 15	14
15 09 31	. 13	. 07	15
16 02	. .	. 06	. 06	. 07	. 03	. 21	. .	16
17 03	. .	. 15	. 54	. .	. 24	17
18	. 03	. .	. 04 02	. 23	18
19	. .	. 03	. 60 04	. 02	. 03	. .	. 07	. .	19
20	. 02	. .	. 05 03	. 12	. 05	. 06	20
21	. .	. 06	. 01	. .	. 03	. .	. 12	. .	. 01	. 03	. 27	. .	21
22 04	. .	. 16 11	. 03	. 04	. 02	. .	22
23 27	. .	. 08	. .	. 08	. .	. 06	. .	23
24	. .	. 36	. .	. 34	. 47	. .	. 03	. 08	. 03	. 02	. 10	. .	24
25	. .	. 05	. 01	. 39	. 68	. 04	. 28	. 10	. 01	. .	. 09	. .	25
26	. .	. 03	. 04	. 45 01	. 40	26
27	. 02	. 04	. 02	. 04	. 05	. .	. 55	. 08	. 21	. 01	. 16	. .	27
28	. 03	. .	. 15	. 03	. 02 22	. 66	. .	. 05	. .	28
29 02	. 72	. .	. 13	. 06	. 07	. 01	. 06	. 26	. .	29
30	. .	. 43	. 03 26	. 02	. 01	. .	. 02	. .	30
31	. .	. 03	. 02 01	. 01	. 22	31
Total	. 75	. 25	2.74	1.65	1.42	3.38	2.71	1.93	1.77	3.79	6.2	2.65	TOTAL for year 23.46
No. of Rain Days	14	7	21	11	10	15	17	14	20	25	11	22	18.7

EDWARD STANFORD, 12, 13 & 14, LONG ACRE, W.C.
Waterlow and Sons Limited, Printers, London Wall, London.

Price 2d.

REGISTER OF RAINFALL IN 1910												
<i>Dr. C. H. A. S. for Cambridge</i> Kept at <u>Burwell</u> 2 in the County of <u>Cambridge</u> by <u>R. Stephenson Esq.</u>												
<small>28 JAN 1911</small> <small>BRITISH RAINFALL FORM 227</small>												
Pattern RAIN GAUGE Diameter of top _____ in. Height of top above Ground _____ ft. " " " Sea Level _____ ft.												
Time of Observation _____ Nearest Railway Station { Name _____ Distance _____ Direction _____												
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.												
Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	.06	.07			.20		.06	.15-	.18		.05-	.66
2	.02	.18			.15	.17	.10		.03			.60
3		.01			.10		.21			.10		.19
4	.03			.26	.15-	.02		.25				.10
5		.11		.33	.13		.59	.26				.02
6	.04			.03	.04		.14		.04		.15-	
7		.02			.04	.14	.19		.11			
8	.04	.12	.24		.11		.08	.04	.02			.06
9	.14			.04	.02						.06	.02
10		.05-				.11			.02	.05-	.26	.03
11	.17	.06-	.21		.17			.07		.52	.06	.02
12		.25-		.03	.05-	.04		.01	.10	.17	.11	.08
13	.07			.22				.08	.62		.20	.05-
14				.07	.46			.03	.12		.11	.20
15	.11			.15-	.03				.04		.07	.75-
16		.05-		.03-	.04				.01			.09
17		.11	.08		.39		.04			.05-		.19
18	.28	.06	.20		.21		.07	.11		.23	.11	.02
19		.20	.02	.08			.03	.02	.02	.18		
20								.23	.01			
21		.01		.06					.08			.07
22		.23		.08				.05-	.27			
23	.16			.05-				.75-	.12			
24	.08	.25-		.13		.20	.05-	.14			.05-	.12
25		.03		.10		.35-	.41	.24		.02		
26		.03		.07					.06			.30
27	.33	.01				.31				.22	.72	.03
28	.04	.11		.36	.15-	.05-		.17		.02		.03
29				.03	.05-	.10		.06	.04	.02	.04	
30		.14			.04	.05-	.16		.07	.03	.18	
31						.12				.31		.13
Total	1.71	1.94	8.2	2.12	2.62	1.65	3.50	2.24	1.35-	1.88	2.21	3.76
No. of Rain Days	15-	19	7	18	19	11	15-	20	13	13	14	22
												TOTAL for year 2580

REGISTER OF RAINFALL IN 1909.													
FORM A.2. BRITISH RAINFALL. JAN 1910													
<p>Kept at <u>Carlton Hall</u> in the County of <u>Cambridge</u> by <u>A. S. nice</u></p> <p>Pattern RAIN GAUGE Diameter of top <u>5</u> in. Height of top above Ground <u>1</u> ft. <u>6</u> in. " " " Sea Level <u>290</u> ft.</p> <p>Time of Observation <u>9 a.m.</u> Nearest Railway Station <u>Dullingham</u> Distance <u>4½</u> Direction <u>N.W.</u></p>													
<p>IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.</p>													
Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	-	-	-	-	.06	.44	-	.89	.09	.03	-	.27	1
2	.02	-	.50	-	.02	.10	-	.05	-	-	.04	.57	2
3	-	-	-	-	-	.10	.06	-	-	.10	-	.11	3
4	-	.04	-	-	-	.40	-	-	.24	.02	.02	.33	4
5	.03	-	-	-	-	.06	.14	-	.09	.11	-	.08	5
6	-	-	.67	-	-	-	.18	-	.22	-	-	.04	6
7	.13	-	.03	-	-	-	.19	-	.28	.57	-	.15	7
8	.07	-	-	-	-	-	.02	-	.15	.04	-	-	8
9	.18	.12	.15	-	-	-	.48	-	-	-	.03	.13	9
10	.19	.04	-	-	-	-	.29	-	.03	.07	-	.38	10
11	-	.05	.03	.09	-	.15	.18	-	-	.16	-	.02	11
12	-	-	.04	.04	.05	-	-	.39	.05	.03	.03	.03	12
13	.04	-	.28	.19	-	-	.04	-	.05	.05	-	-	13
14	.10	.03	-	-	.02	-	-	-	-	-	.22	-	14
15	.09	-	.23	-	.10	.03	.18	-	.07	.25	-	-	15
16	-	-	-	-	.03	-	.17	.07	-	.09	.14	.18	16
17	-	-	-	-	.02	-	-	.31	-	.12	-	.45	17
18	-	-	.08	-	-	-	.03	.15	.06	-	-	-	18
19	.04	-	.03	.46	-	-	.07	-	.05	-	.13	-	19
20	-	-	-	-	-	-	.04	.21	.03	.12	-	-	20
21	-	-	.07	-	-	-	.07	-	.02	.05	.47	-	21
22	-	-	.02	.06	-	.10	-	-	.05	.03	-	-	22
23	-	-	-	-	.32	.02	.07	-	.12	-	.22	-	23
24	-	-	.41	-	.22	.73	-	.05	.08	-	-	.09	24
25	-	-	.08	.05	.59	.88	.03	.32	.07	-	.10	-	25
26	-	.05	.03	.03	.15	.02	-	.02	.03	.63	-	-	26
27	-	.10	-	.09	.07	-	.67	-	.05	.27	.08	.16	27
28	-	-	.14	.01	.05	-	.03	-	.33	.102	-	.06	28
29	.05	-	.61	-	-	.07	.11	.17	.06	.20	-	-	29
30	-	-	.23	.08	-	-	.36	-	.06	.03	-	.02	30
31	.05	-	-	-	-	.05	-	-	.19	-	-	-	31
Total	.92	.43	2.98	1.71	1.37	3.38	3.23	2.39	2.54	4.15	.81	3.99	27.90
No. of Rain Days	12	7	16	11	12	13	20	13	20	23	9	21	177

Sa

REGISTER OF RAINFALL IN 1910

(Aylesbury House, Chatteris)

Kept at Chatteris
in the County of Cambridge 2
by A. Harold Cusson.

S.A. H&B cont'd c. 24.II.11

	Pattern -										
	RAIN GAUGE Diameter of top 8 in.										
	Height of top above Ground 1 ft. - in.										
	" " " Sea Level 31 ft.										
	Time of Observation 9 a.m.										
	Nearest Railway Station Name Chatteris										
	Distance 2 miles Direction N.W.										
	Jan. 1, following.										

FORM A.2.
BRITISH RAINFALL
1 JANUARY 1910

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	.04	.02			.10		.13	.08	.05	.30		.11	1
2		.33			.12	.17	.12					.68	2
3					.11		.04	.02				.28	3
4					.42	.10		.15				.18	4
5	.08	.05	.06	.14		.50	.15					.02	5
6		.05				.65				.42			6
7		.03		.02	.07	.11	.05	.03				.02	7
8	.05	.09		.17	.04							.10	8
9	.04		.27	.05								.04	9
10	.07							.02		.26		.06	10
11	.27	.02	.15	.02	.16		.25	.03	1.20	.04		.02	11
12			.07	.04	.05					.10		.20	12
13	.02	.05						.03	.22			.31	13
14	.34		.08	.57			.05		.42			.36	14
15	.10	.02		.15	.10				.02			.87	15
16	.02	.08	.25									.18	16
17	.07	.01	.06		.40		.32					.19	17
18	.07	.12	.10	.01	.25			.32	.01	.05			18
19					.10		.02	.02				.10	19
20		.12	.05		.01		.19	.01	.02			.03	20
21	.03	.02			.05				.06			.20	21
22	.13	.31		.03				.09	.15				22
23	.05	.02		.01		.05	.05	.22				.05	23
24		.26				.56	.04	.07				.02	24
25	.06		.02			.62	.29	.27					25
26	.04	.04		.02				.06				.26	26
27	.32					.25				.33	.83	.06	27
28		.05		.50	.09			.19	.09	.04			28
29	.16			.05	.04	.07		.16		.04			29
30				.08	.07	.20		.10			.16		30
31					.19					.42		.05	31
Total	1.46	1.98	.86	1.95	2.60	1.99	2.64	2.36	.95	2.51	2.36	4.86	TOTAL for year 26.52
No. of Rain Days	15	19	109	19	17	8	15	19	11	9	9	22	172

9,000, IX, '10.

REGISTER OF RAINFALL IN 1912													
Kept at <u>Burnell</u> in the County of <u>Cambridgeshire</u> by <u>R. Stephenson</u>													
Pattern _____ RAIN GAUGE Diameter of top _____ in. Height of top above Ground _____ ft. in. , , , Sea Level _____ ft.													
Time of Observation _____ Nearest Railway Station { Name _____ Distance _____ Direction _____													
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.													
FORM A2. BRITISH RAINFALL 24 JAN 1913 Jan. 1, following.													
Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1						04	05		11	08		10	1
2			01		01	01	33					18	2
3	14			02	06	55	02	18	02	04		01	3
4	11		31		05	06					35		4
5	11	23						17			05	05	5
6	23	07			02	47	1.33	18					6
7					01	51	02	11	01				7
8	15	11	08			06		12	20			03	8
9		02		16	01	14					25		9
10		02		05				05	12		11	02	10
11	10	05							13		08	08	11
12	10	02	07		05	02					25		12
13	06					10	14				20		13
14					03	20		04	03		06	03	14
15	18	03	19		23	25		10				12	15
16		05			04	43		05		06	07		16
17	12		18			11		10				10	17
18	08		09				03	05		06	05	11	18
19	09	09	14			24	45		03	05			19
20		19			03			53		31			20
21	03	03	45		28			92		17	07		21
22	36	08	04		02		29	15		04		06	22
23	53	42	23		08			1.00	05		20	10	23
24	30				08	04	14	02				04	24
25		03				16	03	1.07		15	28		25
26							12	1.73		27	18	20	26
27					01					10		20	27
28	03		04			18	04	03	35	09	36		28
29			02		11	10	35	65	42	04			29
30				24	03		05	52	18	02			30
31		08	04		19	19			04		04		31
Total	261	1.11	2.34	29	1.21	3.33	3.11	7.77	1.89	2.10	2.02	2.35	TOTAL for year
No. of Rain Days.	15	14	15	5	17	18	15	23	12	14	17	20	3013
													185

W. 8,000, X. '11.

Money
REG
Kept at Swaffham - nor incatd.
in the County of Cambridge
by the Rev. D. Fisher
on August 22nd

NOTE.—Rain should be measured daily at 9 a.m., and the result entered to the previous day. Full instructions for the measurement of rain and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

18/E
BRITISH FORM A.
RAINFALL
Nearest Railway Station Stowmarket JAN
Time of Observation 6 a.m.

Nearest Railway Station Woffham JAN 19
Time of Closure 26

Time of Observation 9 a.m. JAN 1914
Diameter of Rain Gauge 11.7

Diameter of Rain Gauge 48 in.
Height of top of Gauge above Ground 6 ft.

Height of top of Gauge above Ground ft.

REGISTER OF RAINFALL IN 1913													
Kept at <u>Boxworth, St. Ives.</u> in the County of <u>Cambridgeshire</u> by <u>E. H. Thornhill</u>													
Lat.	Long.												
Time of Observation													
Nearest Railway Station													
Diameter of Rain Gauge in.													
Height of top of Gauge above Ground ft. in.													
" " " " Sea Level ft.													
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.													
<small>BRITISH RAINFALL FORM A.</small> <small>27 JAN 1914</small> <small>Jan. 1, following.</small>													
Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	.03	.12	.10	.15		.03			1.03	.01	.05		1
2	.02	.15			.08		.16		.11		.02	.02	2
3	.02		.16		.73					.18		.02	3
4	.17		.01		.02	.03	.10		.01	.19	.05	.11	4
5	.03	.01					.01			.47	.02		5
6	.02	.02			.25	.25	.31		.01	.08			6
7	.09				.05		.15			.48	.04		7
8		.01	.01	.18	.18					.05	.17		8
9	.01	.19	.04	.01	.02	.10			.02		.05	.01	9
10	.02		.01	.01	.12		.07	.03			.40		10
11	.59		.36		.01				.21		.02		11
12	.01	.01			.06				.02		.01	.13	12
13	.02		.01						.01	.02	.01	.42	13
14	.04	.01	.09	.04			.62				.17		14
15	.15	.02	.15	.12			.15		.02		.05		15
16	.05		.47	.28					.08	.01			16
17	.12		.11	.11		.32	.02			.01		.06	17
18	.02		.05	.05			.01	.01	.37				18
19	.09		.03	.02	.04	.01	.06		.45			.05	19
20	.26		.16		.02					.19			20
21			.10		.07					.08			21
22	.31	.01	.22				.01	.02	.13	.01	.24		22
23		.01	.01			.05	.02	.06	.02	.01			23
24	.01			.01		.02		.01			.01		24
25	.01	.02		.11			.02			.73		.05	25
26	.03	.16	.02					.01				.11	26
27	.01		.02	.02	.15	.02				.06	.01		27
28	.17		.24	.06					.01	.10	.01	.03	28
29	.11		.11	.23	.24				.07	.01	.01	.02	29
30	.21		.10						.13	.01	.10	.17	30
31									.04	.02		.02	31
Total	2.48	.72	2.28	1.71	2.01	1.04	1.71	1.02	2.29	3.00	1.85	.50	20.61
Rain Days.	24	13	22	18	13	12	14	12	14	23	17	11	193

John Rapp 202 Nov 29, in want - end for with the year starts 25-11-15

REGISTER OF RAINFALL IN 1914

Kept at **Bunkley Hall**
in the County of **Cambs P. Agincourt**
by **R. W. Rapp**

Lat. _____ Long. _____
Time of Observation _____
Nearest Railway Station _____
Diameter of Rain Gauge _____ in.
Height of top of Gauge above Ground _____ ft. _____ in.
" " " " Sea Level **980** ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.

BRITISH FORM A
RAINFALL
JAN 1915

Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	—	—	—	—	—	—	—	20	—	—	15	21	1
2	—	—	—	2	—	—	1	4	—	—	—	—	2
3	—	—	20	4	—	—	54	—	—	—	—	—	3
4	50	7	—	13.	8	—	—	4	—	—	37.	18	4
5	—	—	12	18	2	—	16	38.	—	—	—	12	5
6	—	11.	2	2	1.	10	5	—	—	—	25	—	6
7	—	4.	32	—	4.	1	—	—	—	—	—	22	7
8	20	6	46	—	50	28	—	12.	—	—	—	—	8
9	80	—	50	3	12	46	—	—	—	—	—	95	9
10	63	4	—	5	3	—	—	—	—	—	—	—	10
11	—	18	50	—	5.	12	12	—	—	—	30	—	11
12	2	—	4	—	—	—	—	—	52	—	—	—	12
13	—	15	20	—	—	—	29.	—	2	—	13	80	13
14	—	—	16	—	—	—	—	—	—	50	—	25	14
15	—	—	25	—	—	—	—	2	—	—	—	47	15
16	—	—	7	—	—	—	—	—	2	—	—	—	16
17	—	35	1	—	—	—	12	—	—	—	—	15.	17
18	—	11	5	—	—	—	—	—	—	—	—	24	18
19	—	5	17	—	—	83	—	—	—	—	41	—	19
20	—	2.	22	—	—	10	—	—	18	—	—	4	20
21	—	25	22	—	—	7	—	—	—	—	—	8	21
22	—	—	4	—	—	—	—	—	61	—	—	—	22
23	—	—	2	—	34.	1	—	—	—	—	—	—	23
24	—	—	2	1	3.	2	23	—	—	8	18	—	24
25	—	—	8	14	—	—	—	—	—	35	—	—	25
26	—	—	—	—	—	5	13	18	—	—	—	460	26
27	—	—	—	—	—	5	—	—	—	—	—	—	27
28	—	—	—	—	—	—	—	—	—	—	—	85	28
29	—	—	5	—	—	—	—	—	—	—	—	—	29
30	—	—	8	—	—	—	—	—	—	19	2.	32	30
31	—	—	—	20	—	—	—	—	—	—	—	—	31
Total	185	139	330	62.	128	200	162	92	74	206	377	533	YEAR'S TOTAL 2934
Rain Days.	5	12	21	9	10	10	9	4	7	8	46	25	18

3.50 .62

W.7,000, XI. 13

REGISTER OF RAINFALL IN 1915													
Kept at <u>Abington Pigotts</u> in the County of <u>Cambridgeshire</u> by <u>J. N. Woodham</u>							Lat. _____ Long. _____ Time of Observation _____ Nearest Railway Station _____ Diameter of Rain Gauge _____ in. Height of top of Gauge above Ground _____ ft. _____ in. " " " " Sea Level _____ ft.						
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection, and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.													
<small>Jan. 1, following.</small>													
Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		10	15-					.01	.06			20	1
2	.37	10	26	15-	.05	.02		.58		.07	.05-	2	
3	.20		.02	14				.25		.02	.15-	3	
4	.30							.02			.42	4	
5	.11	19						.03			.16	5	
6	.20			20			1.12	.01		.13		6	
7	.05-	22	.07	.05-				.10	.07				7
8		.30								.02			8
9				.03		.01				.15-	.74		9
10	.23		.06							.03	.05-		10
11	.02		.02		.02						.73		11
12	.10			27	.28			.60		.05-	.72		12
13	.45-				1.12						.36		13
14	.02				.02			.43		.07	.08	.06	14
15	.11							.07	.25-		.06	.08	15
16	.26							.37	.75-				16
17	.17				.15-			.15-	.05-				17
18	.05-	.25-						.15-		.03	.12		18
19		.02											19
20	.32		.06					.02		.02		.36	20
21	.10							.07					21
22	.80		.50					.03		.16		.15-	22
23	.05-	.23						.53		.25-	.20	.21	23
24		.11				.08	.13			.04		.06	24
25			.03			.02	.05-					.05-	25
26		.16				.12	.18					.15-	26
27						.16	.05-						27
28		.15-				.02	.05-	.05-	.68	.40		.10	28
29						.14		.10		.05-		.15-	29
30	.05-	X				.26		.04	X	.38	X		30
31		X	X			X		.04	X	.38	X		31
Total	2.96	2.22	1.69	.93	1.64	.83	3.48	2.83	1.26	1.32	1.98	3.50	24.64
Rain Days.	14	13	11	8	6	9	15-	15-	6	10	9	18	134

REGISTER OF RAINFALL IN 1915													1307 FORM A. BRITISH RAINFALL 1 JAN 1916
Kept at Fossestone, Cambridge. In the County of Cambridgeshire 2 by W Francis Hicks.													
Lat.	Long. $\frac{3}{4}$ mile WNW of Rain Station 13 Sidney Street.												
Time of Observation 9 a.m.													
Nearest Railway Station Cambridge													
Diameter of Funnel of Rain Gauge 5 in.													
Height of top of Gauge above Ground 1 ft. 1 in.													
" " " Sea Level 65 ft.													
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.													
Date.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1	0.30	0.09	0.02	nil	0.09	nil	nil	0.03	0.04	nil	0.01	0.12	1
2	0.05	0.04	0.13	0.02	nil	0.02	nil	nil	0.13	nil	0.03	0.04	2
3	0.22	nil	0.11	0.16	nil	nil	0.02	0.38	nil	nil	0.02	0.14	3
4	0.19	nil	nil	nil	nil	nil	0.06	1.04	0.03	trace	0.03	0.47	4
5	0.02	0.10	nil	nil	0.06	nil	nil	0.01	nil	0.03	nil	0.18	5
6	0.18	0.02	0.06	0.14	nil	nil	1.07	0.02	nil	0.04	nil	0.03	6
7	0.10	0.24	0.05	nil	nil	nil	0.36	0.01	nil	nil	0.01	0.08	7
8	nil	0.14	0.05	0.01	nil	nil	nil	0.16	nil	nil	0.02	nil	8
9	trace	0.09	nil	nil	nil	0.03	nil	0.01	nil	nil	0.20	0.59	9
10	0.32	nil	0.05	nil	nil	nil	nil	nil	nil	nil	0.03	0.04	10
11	0.02	nil	0.02	nil	0.05	nil	nil	nil	nil	nil	0.65	nil	11
12	0.06	nil	nil	0.29	0.24	nil	nil	nil	nil	0.01	1.00	0.08	12
13	0.05	0.33	nil	nil	1.20	nil	nil	0.51	nil	nil	nil	nil	13
14	nil	0.15	nil	nil	trace	nil	0.27	0.01	0.03	nil	nil	0.33	14
15	0.11	0.02	nil	nil	0.02	nil	nil	0.10	nil	nil	0.22	0.11	15
16	nil	0.04	nil	nil	nil	nil	0.53	0.01	nil	nil	nil	0.01	16
17	0.02	0.14	nil	nil	0.03	nil	0.03	0.15	nil	nil	0.03	nil	17
18	0.01	0.07	0.25	nil	trace	nil	nil	0.81	nil	trace	0.07	nil	18
19	nil	0.01	0.02	nil	nil	nil	0.11	nil	nil	0.02	nil	nil	19
20	0.20	nil	nil	0.11	nil	nil	nil	nil	nil	0.02	nil	0.35	20
21	0.03	trace	nil	nil	0.01	nil	0.26	0.02	nil	trace	nil	0.03	21
22	0.84	0.03	0.33	0.01	nil	nil	0.36	nil	0.04	nil	nil	0.15	22
23	0.01	0.11	0.03	0.07	nil	0.03	0.03	nil	0.22	0.10	nil	0.20	23
24	nil	0.02	0.15	nil	nil	nil	0.19	nil	0.24	nil	nil	0.08	24
25	trace	nil	0.02	0.01	nil	0.28	0.06	nil	nil	0.01	nil	0.16	25
26	nil	0.04	0.01	nil	nil	0.06	0.05	nil	nil	nil	nil	0.17	26
27	nil	0.07	0.02	nil	nil	0.08	0.04	nil	nil	0.48	nil	0.02	27
28	nil	0.04	0.01	nil	nil	0.37	0.12	nil	0.77	0.12	nil	nil	28
29	nil	—	nil	nil	nil	0.07	0.04	0.08	nil	0.01	0.05	0.12	29
30	0.03	X	nil	nil	nil	0.75	0.05	0.10	trace	nil	nil	trace	30
31	0.03	X	nil	X	nil	X	0.10	nil	X	0.06	X	0.10	31
Total	2.79	1.79	1.33	0.82	1.70	1.69	3.75	3.45	1.50	0.90	2.37	3.60	YEAR'S TOTAL 25.69
Rain Days.	20	20	17	9	8	9	19	17	8	11	14	23	175

REGISTER OF RAINFALL IN 1917													
<i>Kept at Purwell in the County of Cambridgeshire by P. Stephenson</i>							Lat.	Long.					
							Time of Observation					BRITISH RAINFALL FORM A 1245 80T	
							Nearest Railway Station						
							Diameter of Funnel of Rain Gauge in.						
							Height of top of Gauge above Ground ft. in.						
							Sea Level ft.						
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.													
Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1				02		-		1.40	19		10		1
2				25		16		21			05		2
3								30			10		3
4				22				03		80			4
5	24			26				06	02		14		5
6						18				18			6
7	24			01		28				29	03		7
8				16				1.45	02	25	15	08	8
9	08	02		04				24		03	05	10	9
10	25		14	12				05		03	02		10
11	09		63	06						18			11
12	09			07	05			03		24			12
13	11		15			01	02	05	04	21			13
14	05			15							03		14
15								06		03	09		15
16	02	06		25		05	30			63		11	16
17		02	03	25	37		25		45	22			17
18	03			08		06	16	02	68				18
19		05	11			05			25				19
20	02	15	25		02						24		20
21			05							03	09		21
22								03	03	10			22
23	06	22		13				15	06	05			23
24	05				05			03		12	06		24
25		02				28					15		25
26		15				03		16	04	60	10		26
27								38			07		27
28		05	14			1.22		07			05		28
29						30	35	05		24		10	29
30	X	03					56	09					30
31	08	X	28	X		X	32	10	X	X			31
Total	1.35	63	2.20	1.72	77	2.29	3.69	3.73	1.76	3.60	1.57	.97	24.28
Rain Days.	13	8	13	13	4	11	9	21	9	16	12	11	140

REGISTER OF RAINFALL IN 1917.

Kept at Swaffham Prior Vicarage
in the County of Cambridgeshire
by the Rev. L. Fisher

Lat. 52° 15' Long. 0° 18' E
Time of Observation 9 a.m. G.M.T.
Nearest Railway Station Swaffham Prior
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. — in.
" " " Sea Level 44 ft.

BRITISH RAINFALL
27 JUN 1918
FORM A

Jan. 1, following.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to Dr. H. R. MILL, 62, Camden Square, London, N.W.1.

Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.
1		.02		.08				1.26	.16		.09		1
2	.06	.02		.18		.19		.19			.04		2
3								.40		.23	.07		3
4				.18				.12		.54			4
5	.23	.01		.20				.15	.01		.16		5
6						.19				.68			6
7	.22					.11				.37		.01	7
8	.08			.16			1.26	.03		.24	.12	.02	8
9	.04		.05	.01			.01	.18		.02	.04	.11	9
10	.22		.10	.11			.04			.01	.03		10
11	.07	.01	.57	.03						.16	.02		11
12	.04	.01	.03	.04	.05			.02		.23	.01		12
13	.16	.05	.01		.03	.02	.04	.03		.13			13
14	.01	.02		.17						.01	.10		14
15	.02		.01					.04		.02		.01	15
16	.01	.05		.21	.01	.05	.32			.64		.13	16
17	.01		.02	.23	.55		.21	.00	.42	.21			17
18	.03	.01		.04		.06	.15	.03	.65				18
19	.01	.05	.17			.01			.22			.01	19
20	.02	.16	.10								.21		20
21	.01	.02	.05								.01		21
22			.09					.03	.02	.11			22
23	.01			.11				.14	.03	.02		.05	23
24	.02	.03			.15			.02		.10	.04		24
25	.01	.02				.10					.01	.05	25
26		.10			.02			.19	.05		.50	.09	26
27		.02				.01	.37						27
28	.03	.15			1.00		.06			.04		.06	28
29	.01				.30	.51	.01			.20		.11	29
30	.02	X				.56	.06			.01			30
31	.04	X	.27	X	X	.28	.10	X	X	X	.01		31
Total	1.34	0.63	1.80	1.47	0.72	2.11	3.43	3.28	1.59	3.36	1.36	0.76	21.85
Rain Days.	22	15	16	13	4	11	11	22	9	19	15	13	169

REGISTER OF RAINFALL IN 1919													1170	
Kept at Pinehurst, Cambridge													Lat.	Long.
in the County of													Time of Observation	
by C. D. Foster													Nearest Railway Station	
													Diameter of Funnel of Rain Gauge in.	
													Height of top of Gauge above Ground ft. in.	
													Sea Level ft.	
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE DIRECTOR, British Rainfall Organization, 62, Camden Square, London, N.W. 1.													Jan. 1. following.	
Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Date.	
1	.33	.03			.05		.48					.90	1	
2	.26		.02		.05		.05	.17				.49	2	
3	.23		.21				.05		.03		.18	.08	3	
4	.8		.28			.05	.09	.03			.15	.23	4	
5	.4	.20	.27				.20		.14	.01		.15	5	
6			.07								.05		6	
7	.1		.25				.02				.08	.07	7	
8			.03	.09	.03						.07		8	
9			.04	.03						.02	.02		9	
10	.4		.15	.04							.01	.04	10	
11	.10		.14	.09			.52				.03		11	
12			.18	.01		.07	.17			.04	.03	.01	12	
13	.10			.10					.01	.01		.04	13	
14	.24			.11			.02		.07	.02			14	
15	.21		.06	.06							.15	.11	15	
16	.03	.60		.04				.02			.08	.02	16	
17		.88	.03	.02							.22	.02	17	
18		.10	.01					.15			.02	.06	18	
19	.01	.15	.22			.18	.10	.14	.03		.06	.02	19	
20	.40	.02	.02			.58	.58	.28	.02				20	
21	.51	.31					.52			.01	.01	.15	21	
22	.43	.04					.15		.12		.03	.45	22	
23						.06	.15	.05	.04			.06	23	
24				.16		.19	.02			.02		.01	24	
25	.06				.08	.12	.03					.06	25	
26	.17	.30	.25	.10				.14	.08			.31	26	
27	.79	.10		.86				.16		.02	.01	.01	27	
28		.01		.17			.02	.78		.08	.07	.28	28	
29	.05			.5			.02	.14		.19	.05	.08	29	
30	X	X	.30	.26		.20		.02		.04	.13	.11	30	
31	.03	X	.02	X		X	.01		X	.04	X	.04	31	
Total	3.72	3.13	2.59	2.24	.25	1.36	3.15	2.09	.71	.54	1.35	3.75	24.91	
Rain-Days	20	12	20	17	4	8	18	12	10	13	20	25	17.9	

YEAR'S TOTAL

FORM A.1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

Kept at *forhampton Storeyard*
in the County of *Cambridgeshire*
by *Storekeeper (Mr. G. J. Golding)*

Lat. _____ Long. _____
Time of Observation *9 a.m.* Nearest Railway Station *Cambridge 9.5 m.*
Diameter of Funnel of Rain Gauge *5* in.
Height of top of Gauge above Ground *1* ft. in.
" " " Sea Level *52* ft.

Jan. 1. following.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date	
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.30	.02	-	-	.07	-	.25	-	-	.05	.02	.83	1	
2	.23	-	.02	-	.02	-	.08	-	.13	-	.19	.58	2	
3	.25	-	.22	-	-	-	.04	-	.04	-	.13	.06	3	
4	.04	-	.25	-	-	.08	.24	.03	-	-	-	.18	4	
5	.04	.19	.23	-	-	-	.04	-	.16	-	-	.14	5	
6	-	-	-	-	-	-	-	-	-	-	.04	-	6	
7	.01	-	.24	-	-	-	.01	-	-	-	.10	-	7	
8	.05	-	.04	-	-	-	-	-	-	-	.10	-	8	
9	-	-	.03	.08	-	-	-	-	-	.03	.03	-	9	
10	-	-	.13	.02	-	-	-	-	-	-	.01	.02	10	
11	.11	-	.15	.04	-	-	.53	-	-	-	.04	.05	11	
12	-	-	.15	-	-	.06	.16	-	-	.05	.02	-	12	
13	.10	-	-	.09	-	-	-	-	-	.01	-	-	13	
14	.21	-	-	.09	-	-	.02	-	.08	-	-	-	14	
15	.24	-	.05	.04	-	-	-	-	-	-	.03	.08	15	
16	.03	.61	-	.03	-	-	.03	-	-	-	.09	.02	16	
17	-	.77	.04	.01	-	-	-	-	-	-	.19	.01	17	
18	-	.14	.02	-	-	-	-	.13	-	-	.03	.05	18	
19	-	.14	.21	-	-	.23	.12	.14	.02	-	.05	.01	19	
20	.38	.01	.02	-	-	.45	.60	.29	.01	-	-	.04	20	
21	-	.29	.01	-	-	-	.65	-	-	-	-	.10	21	
22	-	.41	.02	-	-	-	.10	-	.14	-	.03	.40	22	
23	-	-	.01	.06	.04	.07	.14	.05	.04	-	-	.05	23	
24	-	-	.15	-	.18	.02	-	-	.01	-	-	-	24	
25	.04	-	-	.06	.20	.03	-	.25	-	-	-	.05	25	
26	.16	.34	.21	.05	-	-	-	.06	-	-	-	.28	26	
27	.92	.08	-	.94	-	-	-	.31	-	.02	-	.01	27	
28	-	-	-	.20	-	-	.01	.64	-	.08	.06	.27	28	
29	.04	-	-	.05	-	-	.01	.15	-	.16	.06	.12	29	
30	-	X	X	.01	.26	-	.18	-	.01	-	.03	.11	.10	30
31	.03	X	X	-	X	-	X	.02	-	X	-	X	.05	31
TOTAL	3.27	3.00	2.05	2.12	.35	1.28	3.13	2.12	.62	.44	1.33	3.50	YEAR'S TOTAL 23.21	
Days with .01 in. or more	18.	11	19	16	4	9	18	12	8	9	19	23	165	

Dr. C. B. 44/2000 10/19 1171

FORM A.2. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1919.

1203

Kept at Cambridge [M.O.]
in the County of Cambridge
by R. Irvin Lynch M.A.

Lat. $52^{\circ} 12'$ Long. $0^{\circ} 8' E$
Time of Observation 8h. G.M.T.
Nearest Railway Station
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 1 in.
" " " " Sea Level 41 ft.

10/15 FEB 20

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
19	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	1
1	6.6	1.0	-	-	1.5	-	8.1	-	-	0.9	-	23.2	2
2	6.2	-	0.4	-	1.2	-	1.2	-	3.3	-	4.3	14.2	3
3	6.4	-	5.5	-	-	-	1.3	-	0.9	-	4.2	1.9	4
4	2.0	-	(1.3)	-	-	1.7	3.3	0.8	-	-	-	5.1	5
5	0.8	4.8	6.5	-	-	-	4.3	-	(4.3)	-	-	3.8	6
6	-	-	1.7	-	-	-	-	-	-	-	1.1	-	7
7	-	-	6.6	-	-	-	-	-	-	-	2.3	-	8
8	1.4	-	1.1	2.8	-	-	-	-	-	-	2.2	-	9
9	-	-	1.3	0.8	-	-	-	-	-	0.5	0.8	-	10
10	-	-	3.1	1.2	-	-	-	-	-	-	-	-	11
11	2.6	-	3.5	2.5	-	-	12.9	-	-	-	0.8	1.6	12
12	-	-	4.7	-	-	1.4	4.3	-	-	1.0	0.9	-	13
13	2.2	-	-	1.9	-	-	-	-	-	-	-	0.2	14
14	5.9	-	-	3.7	-	-	0.6	-	1.9	-	-	-	15
15	6.5	-	1.3	1.4	-	-	-	-	-	-	0.6	2.1	16
16	1.0	(16.3)	-	1.1	-	-	-	0.5	-	-	2.0	-	17
17	-	14.3	0.5	0.4	-	-	-	-	-	-	(5.4)	0.7	18
18	-	10.2	0.5	-	-	-	-	3.6	-	-	-	1.6	19
19	-	4.2	5.2	-	-	4.1	2.6	3.7	0.6	-	1.9	0.3	20
20	8.5	-	0.8	-	-	(15.2)	(14.8)	7.4	-	-	-	-	21
21	9.6	7.3	-	-	-	-	12.9	-	-	-	-	3.6	22
22	-	10.6	1.2	-	-	-	4.2	-	3.7	-	1.0	11.5	23
23	-	-	-	-	-	1.6	5.4	1.0	1.1	-	-	2.1	24
24	-	-	-	3.7	-	5.4	0.4	-	-	0.3	0.2	-	25
25	2.4	-	-	1.9	(3.1)	0.5	-	2.5	-	-	-	1.5	26
26	4.2	8.3	0.5	3.4	-	-	-	5.0	1.9	-	-	6.7	27
27	(16.0)	2.4	0.1	(26.8)	-	-	-	3.1	-	0.4	-	-	28
28	-	-	3.3	-	-	0.2	(23.0)	-	2.2	-	-	6.8	29
29	1.5	X	-	2.8	-	-	0.2	3.5	-	(4.1)	2.6	1.7	30
30	-	X	-	6.5	-	5.5	-	0.6	-	1.0	2.2	2.6	31
31	1.3	X	-	-	-	-	0.2	-	X	0.6	X	1.2	
99													YEAR'S TOTAL
TOTAL	85.1	79.4	51.8	64.2	5.8	35.4	76.9	54.7	17.7	11.0	32.5	42.4	606.9
Days with 0.2 mm. or more	18	10	18	16	3	8	17	12	8	9	16	20	155
(44,284). Wt. 21,958—218. 500. 10/19. Grp. 132. A. & E.W.													607

FORM A. 1. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1920.

Kept at Waffham Prior Vicarage
in the County of Cambridge
by the Revd L. Fisher

Lat. 52° 15' Long. 0° 18'.Time of Observation 9 a.m.Nearest Railway Station Waffham PriorDiameter of Funnel of Rain Gauge 5 in.Height of top of Gauge above Ground 1 ft. 4 in." " " " Sea Level 44 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day.

If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.

Jan. 1, following.

Records taken in Millimetres should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1				'13	'05		'18			'23	'01	'09	1
2	'01				'01					'09		'03	2
3		'02		'18		'04		'35	'15	'10	'01	'01	3
4		'01	'05	'18	'01			'35	'09	'04	'01		4
5			'05	'01	'12			'49	'02	'06		'06	5
6				'10	'10	'06		'55		'12			6
7								'05				'05	7
8	'13				'37			'03	'12				8
9	'40				'46				'12				9
10	'09	'06	'12				'04				'02	'02	10
11	'19		'06	'11	'02		'09					'09	11
12			'03	'10		'04						'12	12
13	'01	'03	'02	'20		'16						'01	13
14		'01	'17	'08		'05	'06		'02	'01	'13		14
15		'02	'24	'02					'10	'02	'06	'07	15
16			'01	'06					'21				16
17	'03				'07		'01		'18			'06	17
18	'02				'08	'22	'02	'30	'21			'03	18
19	'16				'03			'04	'04			'01	19
20	'06	'15		'26		'52							20
21							'55	'08	'30			'03	21
22								'11	'22			'02	22
23								'27	'66			'33	23
24	'04	'01	'13							'01	'01	'02	24
25	'01	'03	'02	'08	'03	'05	'24			'01	'01	'01	25
26	'08		'05	'13	'21	'01	'04			'03	'01		26
27	'09	'13		'11		'39					'01	'04	03
28	'32	'02	'24		'17	'01	'02				'01	'03	005
29	'01				1.03			'07				'05	31
30		X		'02	'01	'01		'02		'23		'06	20
31	'04	X									X	'10	31
TOTAL	1.69	0.51	1.41	2.77	2.36	1.53	3.43	1.03	2.54	0.71	0.47	1.64	20.29
Days with >0.1 in. or more	17	11	18	22	12	11	19	9	17	12	12	21	18.182
Days with >0.4 in. or more	11	3	12	16	8	8	14	8	13	3	5	12	11.3

FORM A METEOROLOGICAL		ORGANIZATION.												
Kept at Cambridge Botanic Gdn in the County of Cambridge by														Lat. $52^{\circ}12'$ Long. $0^{\circ}8'E$
														Time of Observation 8h 45M
														Nearest Railway Station
														Diameter of Funnel of Rain Gauge 5 in.
														Height of top of Gauge above Ground 1 ft. 1 in.
														" " " Sea Level 141 ft.
														Jan. 1, following
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1.														
Records taken in Inches should not be entered on this form.														
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date	
21	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	6.0	-	1.6	-	-	-	-	-	1.4	-	0.4	2.2	1	
2	0.9	-	-	-	2.9	-	-	-	-	-	12.8	-	2	
3	-	-	0.2	-	-	4.6	-	2.5	-	8.5	8.7	-	3	
4	3.2	-	-	-	1.2	-	-	2.9	-	-	2.8	-	4	
5	-	-	-	0.3	-	-	-	0.7	-	-	10.1	-	5	
6	-	-	(3.6)	-	0.5	-	(4.0)	-	-	-	-	-	6	
7	12.0	-	-	-	1.6	-	-	(4.8)	-	-	-	-	7	
8	0.8	-	0.7	-	(4.0)	0.7	-	-	-	-	-	0.9	8	
9	-	-	-	2.8	0.4	-	-	-	-	-	-	-	9	
10	1.8	-	-	-	-	-	-	-	0.6	3.5	-	-	10	
11	1.8	0.6	-	-	0.4	-	-	0.2	(22.1)	-	0.2	0.8	11	
12	3.8	-	1.2	-	-	-	-	3.5	5.2	-	-	1.7	12	
13	1.9	-	1.3	(11.2)	-	-	-	2.6	2.8	2.1	-	-	13	
14	-	-	0.2	0.3	-	0.3	-	0.5	-	-	4.8	-	14	
15	-	-	5.0	-	-	(1.8)	-	-	-	-	-	0.6	15	
16	0.3	-	0.3	2.0	-	-	1.4	-	-	-	2.5	0.5	16	
17	1.3	-	0.3	0.3	-	-	4.2	-	-	-	-	-	17	
18	(13.6)	0.4	-	-	-	-	-	0.8	1.2	-	-	-	18	
19	-	3.3	-	-	0.6	-	-	0.1	(9.8)	-	-	-	19	
20	-	-	-	-	1.4	-	0.5	-	2.2	-	-	-	20	
21	-	-	-	-	-	-	1.3	-	-	0.9	-	-	21	
22	0.4	-	-	0.8	-	-	-	-	-	1.2	-	1.1	22	
23	-	-	-	3.1	-	-	-	0.3	-	-	-	-	23	
24	0.6	-	-	6.4	-	-	-	-	-	-	-	2.8	24	
25	-	(5.9)	-	-	0.3	(5.6)	-	-	-	-	-	-	2.1	25
26	0.5	-	0.7	-	1.5	2.2	-	-	-	-	-	(6.1)	26	
27	0.2	-	0.1	-	0.3	-	-	-	-	-	0.9	1.3	27	
28	-	-	2.2	-	0.4	-	-	-	-	-	-	1.6	28	
29	-	X	0.9	-	1.5	-	1.9	2.3	-	-	1.5	1.3	29	
30	1.3	X	-	-	-	-	-	-	-	-	2.2	1.6	30	
31	-	X	-	-	1.6	X	-	0.7	X	-	X	-	31	
99	TOTAL	50.4	6.9	16.4	32.1	16.9	15.1	8.0	27.9	33.5	28.5	43.0294	308.1	
Days with 0.2 mm. or more														YEAR'S TOTAL
Days with 1.0 mm. or more														
(44,284), 10719, (52,639), Wt. 10,000—359, 1000, 7/20, Gp. 132, A. & E. W.														Copied from 10/3202.

AIR MINISTRY. FORM 1090 METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. <small>(Formerly M.R.O. Form A.1.)</small> REGISTER OF RAINFALL IN 1923													
Kept at <u>Caxton</u> in the County of <u>Cambridge</u> by <u>D. Dudley</u>				Lat. <u>52° 10'</u> Long. <u>6° W</u> Time of Observation <u>9 a.m.</u> Nearest Railway Station <u>Old North Rd</u> Diameter of Funnel of Rain Gauge <u>5"</u> in. Height of top of Gauge above Ground <u>1</u> ft. in. " " " Sea Level <u>170</u> ft.									
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62, Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.													
Records taken in Millimetres should not be entered on this form.													
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	'09	nil	'19	nil	nil	nil	nil	nil	nil	nil	nil	nil	1
2	'08	nil	'02	nil	'06	nil	nil	nil	nil	nil	nil	nil	2
3	Nil	nil	nil	nil	nil	'08	nil	nil	'24	'10	'35		3
4	Nil	nil	nil	nil	nil	'05	nil	nil	'14	nil	nil	nil	4
5	'39	nil	nil	'02	'02	'06	nil	nil	nil	'05	nil	nil	5
6	'23	nil	'04	'01	nil	'15	nil	nil	nil	nil	nil	nil	6
7	Nil	'22	'30	nil	nil	nil	nil	nil	'29	nil	'13		7
8	'04	'08	'09	nil	nil	nil	nil	nil	'27	'31	nil		8
9	'02	'04	'03	nil	'07	'01	'35	nil	nil	'07	nil		9
10	Nil	'03	nil	'13	'14	nil	'20	nil	nil	'01	nil		10
11	'03	'03	nil	'26	'03	nil	nil	nil	'12	nil	nil		11
12	Nil	'38	'68	'31	'15	'08	nil	nil	'82	nil	nil		12
13	Nil	'11	'15	'02	nil	nil	nil	nil	'38	nil			13
14	Nil	'35	'05	nil	nil	nil	nil	'98	nil	'03	nil	nil	14
15	'03	'07	'03	nil	'11	'05	nil	nil	'62	'01	'09	nil	15
16	Nil	'16	nil	nil	nil	nil	nil	'21	nil	'08	nil		16
17	04	'10	nil	nil	nil	nil	nil	'21	'04	nil	nil	nil	17
18	Nil	'46	nil	nil	nil	'11	nil	nil	'03	'04	nil		18
19	'04	'07	nil	nil	nil	nil	'19	'03	'01	'09	nil	nil	19
20	nil	'09	'05	nil	nil	nil	nil	nil	'20	'02	nil	nil	20
21	Nil	'02	nil	nil	nil	nil	nil	nil	'53	'25	'02	'28	21
22	Nil	'22	nil	'16	nil	nil	'09	'15	'03	nil	nil		22
23	Nil	'06	'12	'02	nil	nil	'06	'63	'50	'10	nil	'03	23
24	nil	'07	'01	'06	nil	nil	nil	'60	'17	'04	nil	nil	24
25	nil	'33	nil	'19	nil	'08	'24	'40	'01	'14	nil	'39	25
26	Nil	'03	'02	'05	nil	nil	nil	nil	'22	nil	'22		26
27	nil	'01	'04	'02	'13	nil	nil	nil	'04	nil	'27		27
28	nil	'11	nil	'04	nil	'09	'02	nil	'02	nil	'23		28
29	'15	nil	'01	'08	nil	nil	'38	nil	nil	nil	'23		29
30	nil	X	nil	'01	nil	'06	nil	nil	'11	nil	'15		30
31	01	X	'32	nil	X	'64	nil	X	nil	X	'19		31
TOTAL	1.05	2.70	2.14	1.18	1.01	61	2.74	3.02	2.64	3.55	2.24	YEARLY TOTAL	12
Days with 0.1 in. or more	12	22	16	12	12	9	8	10	12	34.5	1.15	2.29	24.07
Days with 0.4 in. or more	X 8	15	16	12	7	9	X 8	7	9	15	8	7	153

AIR MINISTRY.
FORM 1091 METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.
(formerly D.M.O. Form A.2). REGISTER OF RAINFALL IN 1922.

1162

Kept at Cambridge (Botanic Gdns) and rainfall by observer
in the County of Cambridge
by The Curator

Lat. $52^{\circ}12'$ Long. $0^{\circ}8'E$
Time of Observation 9 a.m.
Nearest Railway Station
Diameter of Funnel of Rain Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 1 in.
" " " Sea Level 41 ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, 62. Camden Square, London, N.W. 1, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following

Records taken in Inches should not be entered on this form.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.		
1	-	2.9	5.9	-	3.1	-	3.3	0.2	-	-	3.8	1.5	1	
2	-	7.6	1.9	-	-	-	5.1	-	-	-	-	-	2	
3	-	0.7	2.3	6.7	2.5	-	3.1	4.0	-	0.2	3.4	-	3	
4	-	0.2	0.4	0.7	2.4	-	0.9	-	-	0.2	-	-	4	
5	-	1.3	3.2	4.2	-	-	17.0	-	-	5.4	4.0	-	5	
6	2.5	-	1.3	-	-	-	0.2	3.9	-	-	5.5	-	6	
7	5.1	-	4.5	1.3	-	-	3.4	8.1	-	-	-	0.6	7	
8	1.4	-	2.6	5.8	-	-	1.8	23.7	-	-	-	-	8	
9	1.8	-	-	0.2	-	-	0.2	4.5	0.3	-	0.6	0.8	9	
10	-	-	-	-	-	-	-	-	0.2	-	2.3	-	10	
11	0.3	-	-	-	3.3	-	-	-	-	-	-	-	11	
12	-	0.7	-	3.5	0.2	-	-	4.6	3.1	-	-	-	12	
13	0.6	-	-	10.6	-	8.2	-	-	-	-	-	-	13	
14	-	-	0.4	-	2.3	9.3	-	17.9	-	-	-	-	14	
15	11.9	2.5	-	0.1	-	-	-	-	-	0.1	-	0.4	15	
16	1.5	3.6	-	4.8	3.8	0.2	11.0	2.5	0.8	-	0.1	1.5	16	
17	-	0.5	-	1.2	8.6	-	3.5	-	-	-	-	3.6	17	
18	2.1	-	-	0.2	-	0.2	4.5	-	0.7	-	0.3	0.3	18	
19	3.6	2.6	2.3	-	-	-	-	-	7.1	2.5	-	4.2	19	
20	-	-	-	-	-	-	-	-	-	0.4	-	0.3	20	
21	2.8	6.1	-	-	-	-	1.7	-	-	-	-	5.4	21	
22	0.2	1.9	-	2.3	-	1.0	32.4	2.1	-	0.8	-	0.7	22	
23	-	-	-	1.4	-	1.7	16.8	-	-	-	-	-	23	
24	0.3	-	4.0	1.1	5.4	2.7	-	0.8	-	-	-	-	24	
25	8.8	-	-	14.9	3.6	-	-	-	-	-	-	0.6	25	
26	1.4	1.2	1.8	1.0	-	2.0	1.7	-	0.4	-	3.1	-	26	
27	5.2	3.5	1.6	0.8	-	-	-	4.4	5.8	0.4	-	5.2	27	
28	1.1	1.8	0.4	-	-	5.6	-	-	0.5	-	1.1	0.6	28	
29	0.3	X	-	0.3	-	2.1	-	1.1	-	0.6	-	2.8	29	
30	1.6	X	2.8	-	-	-	-	4.1	16.8	-	0.2	6.5	30	
31	1.9	X	-	X	-	X	1.7	2.2	X	0.3	X	2.0	31	
99	TOTAL	54.4	35.8	33.1	60.2	37.1	26.0	129.1	66.2	53.6	10.9	24.4	37.0	
													YEAR'S TOTAL ✓	
	Days with 0.2 mm. or more	20	14	14	19	10	10	18	14	11	9	10	17	166
	Days with 1.0 mm. or more	15	10	12	13	9	8	15	12	5	2	7	9	17

(65,309). Wt. 21,626—6781. 750. 11/21. Gp. 133. A. & E. W.

Copied from NO 3252

AIR MINISTRY. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. REGISTER OF RAINFALL IN 1924.													
Kept at <u>Boxworth</u> in the County of <u>Cambs.</u> by <u>C. H. Horwile.</u>				Lat. <u>52° 15' N.</u> Long. <u>3° W.</u> Time of Observation <u>9 a.m.</u> Nearest Railway Station <u>Swarney Sta.</u> Diameter of Funnel of Rain Gauge <u>5</u> in. Height of top of Gauge above Ground <u>1</u> ft. <u>—</u> in. " " " " Sea Level <u>76</u> ft.									
IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C.2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.													
Records taken in Millimetres should be entered on Form 1091.													
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.02		.05		.06	.21	.07	.22			.28		P.R.R. 1
2	.04		.20		.22	.14	.02	.08			.29		R.W.L. 2
3			.02		.27		.13	.01					3
4						.56		.01	.19	.05		.24	4
5									.01	.06			5
6						.02		.04	.06	.25			6
7							.32		.03	.22			7
8	.03				.03	.18			.07	.22			8
9	.05	.03			.08				.18	.07			9
10	.13	.02		.16	.24	.04				.01			10
11	.08			.50	.32	.32		.01		.02	.99		11
12	.13	.01			.09			.03	.03		.43		12
13				.46	.12		.02		.32	.02		.19	13
14													14
15		.20 ⁵			.04		.02		.23			.23	15
16									.06	.11		.05	16
17	.16				.02		.82	.10	.01				17
18	.26	.09			.25	.04		.01		.09	.03		18
19	.12	.01			.12				.03	.07	.02		19
20	.01				1.03		.06		.32				20
21	.47		.05	.02	.03		.08	.03	.04	1.45		.01	21
22	.70		.23	.02			.03		.07		.04		22
23				.06	.07		.01	.08			.01	.35	23
24	.20	.25		.06	.38			.23				.05	24
25		.02			.05		.11		.15	.02	.12		25
26					.34			.02	.01	.20	.18	.30	26
27		.17			.33			.42	.10		.33	.23	27
28					.35			.41	.18		.01	.22	28
29		.08		.06	.02		.14	.27		.32	.01	.04	29
30		X		.95	.15		.27	.06	.26		.03	.38	30
31		X	.02	X	.40	X		.01	X		X	.12	31
TOTAL	2.46	.88	.57	3.91	3.82	2.00	2.62	1.54	2.07	3.39	2.81	2.29	YEAR'S TOTAL 28.96 188
Days with .01 in. or more	14	10	6	12	19	11	16	19	10	17	13	13	
Days with .04 in. or more	11	5	4	10	15	10	10	8	12	12	7	12	116.

AIR MINISTRY.
FORM 1091. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.
REGISTER OF RAINFALL IN 1924.

Kept at Helensburgh (Ferniegar)
in the County of Dumbarton
by Tas. N. Stirling

Lat. _____ Long. *From 51° 5' N. Lat. 3° 30' E. Long.*
Time of Observation _____
Nearest Railway Station _____
Diameter of Funnel of Rain Gauge _____ in.
Height of top of Gauge above Ground ft. *21* in.
" " " " Sea Level ft. *21* ft.

IMPORTANT NOTE.—Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. If an Observer prefers not to conform to this almost universal rule, he is earnestly requested to add the reading at 9 a.m. on 1st January of the following year in the space provided for it at the end of this paragraph. Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C.2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.

Jan. 1, following.
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Records taken in Inches should be entered on Form 1090.

Date	✓ Jan.	✓ Feb.	✓ March	✓ April	✓ May	✓ June	✓ July	✓ August	✓ Sept.	✓ Oct.	✓ Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1	1.5	1.5	0.2	-	9.8	-	6.7	3.0	1.0	-	✓ 30.2	1.0	1
2	1.4	0.3	-	-	6.3	-	1.5	-	-	3.4	3.7	-	2
3	0.8	1.0	✓ 12.0	1.7	3.0	-	1.8	1.6	-	-	0.3	1.2	3
4	2.7	5.8	-	-	7.6	-	0.8	9.9	-	1.2	0.7	10.4	4
5	0.5	1.5	-	-	3.2	10.5	4.8	2.0	0.4	1.3	-	9.5	5
6	1.6	0.2	-	1.5	12.1	✓ 12.1	5.6	0.4	-	8.0	-	2.6	6
7	13.7	0.7	-	3.3	0.6	11.9	2.8	0.4	15.0	4.3	-	7.0	7
8	0.3	1.9	0.2	1.1	-	2.6	0.2	-	9.2	0.2	-	10.6	8
9	1.8	5.3	-	6.1	18.8	3.0	1.5	-	-	7.5	-	-	9
10	4.4	4.0	-	5.8	2.9	5.0	15.3	0.8	5.1	3.0	0.4	0.2	10
11	14.2	-	-	1.2	2.5	6.6	-	3.0	4.0	7.7	4.4	1.0	11
12	✓ 22.3	1.0	-	-	2.0	0.3	1.0	0.6	4.2	-	-	10.5	12
13	4.9	-	-	2.4	0.6	-	2.8	-	4.0	-	-	12.7	13
14	4.6	1.0	-	1.7	1.5	-	2.2	12.4	2.6	-	-	1.6	14
15	0.5	0.4	-	2.1	4.3	-	2.5	2.8	9.2	-	-	7.0	15
16	-	-	-	0.6	2.2	1.1	8.8	9.8	3.4	0.3	-	1.4	16
17	5.8	4.6	-	-	2.5	4.0	8.1	6.0	-	1.0	1.0	1.0	17
18	20.4	-	-	9.8	-	-	-	-	0.6	✓ 20.9	-	8.2	18
19	8.7	0.3	-	0.3	1.2	0.4	-	4.7	4.6	4.6	0.2	-	19
20	2.0	-	-	0.2	2.6	3.2	1.2	5.8	14.0	-	0.2	0.1	20
21	13.1	-	8.6	-	5.4	1.9	0.6	0.5	7.9	-	28.7	-	21
22	3.6	-	7.4	-	1.7	-	-	2.4	11.5	0.2	7.3	14.1	22
23	8.8	2.4	7.1	-	0.9	0.5	10.0	0.2	2.1	-	18.6	0.7	23
24	-	1.0	6.6	✓ 13.1	6.4	-	1.0	-	-	-	1.1	1.2	24
25	9.0	-	-	2.1	6.6	5.3	-	0.6	-	1.3	1.8	✓ 25.0	25
26	6.0	0.2	-	4.8	2.4	3.3	-	4.3	-	-	9.5	24.3	26
27	2.0	-	-	7.9	9.9	0.9	2.9	3.0	-	1.6	4.2	2.2	27
28	2.4	✓ 5.9	-	0.7	9.0	9.7	5.4	13.2	16.0	14.0	2.3	10.0	28
29	-	1.5	-	3.8	-	2.4	1.1	5.2	✓ 28.3	10.3	5.8	21.6	29
30	0.8	X	-	-	2.2	1.9	17.9	3.0	3.0	10.9	4.1	8.2	30
31	2.8	X	-	X	1.6	X	6.4	10.2	X	8.4	X	9.8	31
TOTAL	160.6	40.5	42.1	70.2	127.3	85.1	131.4	107.9	152.1	109.1	124.5	203.1	1353.9
Days with 0.2 mm. or more	28✓	20✓	7✓	20✓	27✓	20✓	25✓	25✓	21✓	19✓	19✓	26✓	257✓
Days with 1.0 mm. or more	23✓	14✓	5✓	16✓	24✓	16✓	22✓	18✓	19✓	16✓	14✓	24✓	211✓

(*230) Wt. 15497—7087 375 9522 T.S. 128. 632 1.59 1.65 277 5.01 3.35 5.18 4.25 5.99 4.30 4.90 7.99 53.30

AIR MINISTRY. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION. REGISTER OF RAINFALL IN 1924.													
Kept at <u>Camerton</u> in the County of <u>Cambridge</u> by <u>D. Dudley</u>				Lat. <u>52° 10'</u> Long. <u>5 W</u> Time of Observation <u>9 a.m.</u> Nearest Railway Station <u>Old North Plat</u> Diameter of Funnel of Rain Gauge <u>5"</u> in. Height of top of Gauge above Ground <u>11 ft.</u> in. " " " " Sea Level <u>170</u> ft.									
<p>Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule, should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.</p> <p>Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post-free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C.2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.</p> <p>Records taken in Millimetres should be entered on Form 1091.</p>													
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
1	nil	nil	'08	nil	.22	'19	.08	.14	nil	nil	.24	nil	RRR
2	.03	nil	.29	nil	.22	.20	.01	.17	nil	nil	nil	.52	EV2
3	nil	nil	nil	nil	.24	nil	.15	.02	nil	nil	nil	.01	3
4	nil	nil	nil	nil	nil	.35	nil	nil	.22	.02	nil	.22	4
5	nil	nil	nil	nil	nil	nil	nil	nil	.01	.14	nil	nil	5
6	nil	nil	nil	nil	nil	.01	nil	nil	.05	.22	nil	nil	6
7	nil	nil	nil	nil	.04	.28	nil	nil	.02	.13	nil	nil	7
8	nil	nil	nil	nil	.03	.04	nil	nil	.05	.35	nil	nil	8
9	.10	.04	nil	nil	nil	.09	nil	nil	.11	.06	nil	nil	9
10	.14	nil	nil	nil	.22	.06	nil	nil	nil	nil	nil	nil	10
11	.07	nil	nil	.725	.29	.35	nil	nil	nil	.03	.94	nil	11
12	.15	.03	nil	.42	.01	.14	nil	nil	nil	.35	nil	nil	12
13	nil	nil	nil	.38	.13	nil	nil	.09	.24	nil	nil	.20	13
14	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	14
15	nil	.20	nil	nil	.01	nil	nil	nil	.03	nil	nil	.22	15
16	nil	nil	nil	nil	nil	nil	nil	nil	.11	nil	nil	.08	16
17	.11	nil	nil	nil	.01	nil	.84	.07	nil	nil	nil	.08	17
18	.32	.10	nil	nil	.33	.05	.06	.09	nil	.16	nil	nil	18
19	.03	nil	nil	nil	.15	nil	nil	.25	nil	.01	nil	nil	19
20	nil	nil	nil	nil	(?) .75	nil	.06	nil	.29	nil	nil	nil	20
21	.44	nil	.08	.03	.02	nil	.11	nil	nil	1.26	nil	nil	21
22	.63	nil	.19	nil	nil	nil	.03	nil	.09	nil	.32	nil	22
23	nil	nil	.02	.04	.09	nil	.02	.28	nil	nil	nil	.32	23
24	.25	.13	nil	.04	.33	nil	nil	.15	nil	nil	nil	nil	24
25	nil	nil	.02	.03	.13	nil	.15	.11	.12	nil	nil	.13	25
26	nil	nil	nil	.34	nil	nil	.14	.08	.10	.18	.42	.11	26
27	nil	.18	nil	.26	nil	nil	.34	.12	nil	.25	.05	.21	27
28	nil	nil	nil	.15	nil	nil	.56	.21	nil	.06	nil	nil	28
29	nil	.05	nil	.21	nil	nil	.37	.17	nil	.31	.20	.04	29
30	nil	X	nil	.35	.16	nil	.65	.25	.34	.33	.08	.31	30
31	nil	X	.03	X	.30	X	nil	.6	X	nil	X	.18	74031
TOTAL	2.27	.77	.41	2.99	3.68	1.56	3.57	2.80	1.83	3.56	2.70	2.50	YEAR'S TOTAL 28.82
Days with >1 in. or more	11	7	4	12	20	11	15	16	14	15	8	13	14.9
Days with >4 in. or more	8	6	4	10	15	10	13	16	11	12	8	11	12.4

<p style="text-align: center;">Compared with Form 3202</p> <p style="text-align: center;">AIR MINISTRY.</p> <p style="text-align: center;">REGISTER OF RAINFALL IN 1924.</p> <p>Kept at <i>The Botanic Garden</i> in the County of <i>Cambridge</i> by <i>F G Preston, Superintendent</i></p>												<i>entry M03</i> <i>1110</i> <i>1203</i> <i>10 JAN</i>	
												Lat. <i>52° 12' N</i> Long. <i>8° E</i> Time of Observation <i>9 a.m.</i> Nearest Railway Station <i>Cambridge G.Y.R.</i> Diameter of Funnel of Rain Gauge <i>5</i> in. Height of top of Gauge above Ground <i>-</i> ft. <i>13</i> in. " " " Sea Level <i>441</i> ft.	Jan. 1, following.
<p>Rain should be measured daily at 9 a.m. (Greenwich Time) and the result entered to the previous day. An Observer who prefers not to conform to this almost universal rule should insert the reading at 9 a.m. on January 1st of the following year in the space on the right of this paragraph.</p> <p>Full instructions for the measurement of rain, the selection and placing of rain gauges, and particulars as to the British Rainfall Organization are given in "Rules for Rainfall Observers," sent post free on application to THE SUPERINTENDENT, British Rainfall Organization, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2, or to THE SUPERINTENDENT, Meteorological Office, 10, Rothesay Place, Edinburgh.</p>													
Records taken in Inches should be entered on Form 1090.													
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
1	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	W.B. 1
2	1.4	-	0.7	-	1.1	3.6	1.9	2.0	-	-	7.4	-	2
3	0.5	-	10.4	-	7.9	3.4	-	25.0	-	-	-	13.6	3
4	-	-	-	-	10.7	-	4.6	-	-	-	-	-	4
5	-	-	-	-	0.7	-	-	-	0.3	4.2	-	-	5
6	-	-	-	-	-	0.2	-	0.9	1.1	5.9	-	-	6
7	-	-	-	-	-	10.6	-	-	0.6	4.3	-	-	7
8	-	-	-	-	0.5	0.4	-	-	0.6	5.7	-	-	8
9	0.4	1.2	-	-	-	2.1	-	-	3.9	1.3	-	-	9
10	4.3	-	-	20.2	5.0	0.4	-	-	-	-	-	-	10
11	1.4	0.2	-	6.1	9.7	1.2	-	-	0.2	14.9	-	-	11
12	3.6	-	-	0.5	-	8.6	-	-	1.3	-	16.4	-	12
13	-	-	-	8.8	11.1	-	-	1.6	9.8	-	-	5.7	13
14	0.2	-	-	-	-	-	-	0.2	-	-	-	-	14
15	-	0.7	-	-	0.7	-	0.6	-	0.3	-	-	1.7	15
16	-	-	-	-	-	-	-	0.2	3.5	-	-	-	16
17	3.7	-	-	-	-	-	25.9	4.7	-	-	-	-	17
18	4.3	1.9	-	-	12.4	1.9	0.9	1.2	-	1.8	0.5	-	18
19	0.7	-	-	-	3.3	-	-	2.4	1.3	2.4	0.2	-	19
20	-	-	-	-	-	1.6	0.6	4.8	-	-	-	-	20
21	12.8	-	1.2	0.9	4.2	-	1.7	7.2	0.4	35.8	-	-	21
22	21.7	0.2	2.2	0.6	-	-	4.3	1.9	2.4	-	0.9	-	22
23	-	-	1.6	0.5	1.6	-	0.6	2.8	-	-	0.6	4.3	23
24	6.8	6.2	-	0.5	8.3	-	-	7.2	-	-	-	1.2	24
25	-	-	-	0.8	1.9	-	2.5	-	2.1	0.2	3.8	1.2	25
26	-	0.8	-	7.2	-	-	-	0.2	5.1	3.5	6.2	1.5	26
27	-	4.5	-	4.5	-	-	8.4	1.6	-	9.1	1.8	6.9	27
28	-	-	-	3.8	-	-	8.9	5.5	-	0.5	2.2	-	28
29	0.5	2.9	-	2.2	0.6	-	24.2	7.8	0.2	7.5	0.2	0.5	29
30	-	X	-	16.6	6.4	-	8.4	4.2	9.7	8.6	0.3	8.3	30
31	-	X	-	X	9.1	X	-	-	X	-	X	4.6	31
99	TOTAL	652	186	161	73.2	95.3	50.6	94.5	57.1	52.8	91.4	72.8	3
Days with 0.2 mm. or more.	14	9	5	14	18	11	14	19	18	16	13	12	163
Days with 1.0 mm. or more.	9	5	4	8	14	8	11	14	12	12	7	11	115

<p style="text-align: center;">✓ = wet day. ✓ = wet. M.C.</p> <p style="text-align: center;">AIR MINISTRY.</p> <p style="text-align: center;">FOR OFFICIAL USE.</p> <p style="text-align: right;">4068</p>													
<p>FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.</p> <p style="text-align: center;">REGISTER OF RAINFALL IN 1924.</p>													
<p>Kept at <u>Beith Filtering Station</u> in the County of <u>Ayr</u> by <u>William G. Dale</u></p>													
<p>Lat. <u>55° 44'</u> Long. <u>4° 33'</u> Time of Observation <u>12 NOON</u> Nearest Railway Station <u>1 $\frac{3}{4}$ Miles</u> Diameter of Funnel of Rain Gauge <u>5</u> in. Height of Rain Gauge above Ground <u>6</u> ft. <u>in.</u> OFFICE "EDINBURGH" Sea Level <u>125</u> ft.</p>													
<p>THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.</p>													
<p>An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.</p>													
<p>29 JAN 1925</p>													
<p>Records taken in Millimetres should be entered on Form 1091.</p>													
<p>Jan. 1, following.</p>													
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	08	03	00	00	40	00	50	22	02	00	84	44	1
2	06	03	00	00	02	00	14	00	00	32	00	00	2
3	02	02	03	00	09	00	34	15	00	01	00	24	3
4	(00)	20	00	00	(03)	00	15	30	00	06	00	14	4
5	14	10	00	00	01	41	21	00	04	50	00	30	5
6	13	02	00	19	50	58	36	06	05	04	00	13	6
7	24	01	00	(00)	06	20	03	00	34	10	00	38	7
8	00	05	02	(01)	02	70	04	00	29	05	00	63	8
9	09	10	00	20	06	10	(01)	00	14	20	00	02	9
10	20	00	00	09	80	30	(02)	08	11	15	14	00	10
11	15	03	00	00	00	14	50	12	02	05	00	00	11
12	94	00	00	(03)	01	(10)	06	04	05	00	00	62	12
13	19	00	00	04	(01)	(04)	20	00	02	00	00	03	13
14	03	00	00	00	06	03	24	32	14	00	00	06	14
15	00	00	00	15	30	00	25	19	49	00	00	23	15
16	00	00	00	00	09	00	14	28	20	06	00	07	16
17	14	36	00	00	04	12	00	13	12	00	26	05	17
18	41	00	00	39	06	08	09	00	22	65	00	14	18
19	33	02	00	04	12	12	02	10	19	08	00	00	19
20	12	02	00	00	13	04	00	24	42	00	00	03	20
21	83	00	20	00	05	00	00	03	09	00	183	00	21
22	03	00	09	00	30	00	00	05	14	00	50	32	22
23	40	14	10	00	06	04	40	00	06	00	40	01	23
24	00	03	10	89	30	01	00	00	05	00	07	00	24
25	14	00	00	(30)	10	10	00	04	00	09	05	83	25
26	28	05	00	(20)	20	14	00	22	00	00	34	90	26
27	05	00	00	09	50	14	03	10	00	16	23	08	27
28	13	20	00	00	00	16	16	53	124	33	01	20	28
29	04	00	00	06	10	09	07	15	59	50	20	34	29
30	08	X	00	00	02	04	20	12	(09)	19	09	19	30
31	06	X	00	X	00	X	54	21	X	16	X	04	31
TOTAL	546	141	54	263	442	304	483	374	529	340	498	657	46.64
Days with 01 in. or more.	26	14	6	13	27	21	23	22	23	19	14	25	23.81
Days with 01 in. or more	23	8	4	13	22	19	20	21	20	18	13	21	(20.3)

REGISTER OF RAINFALL.**INSTRUCTIONS.**

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C. 2, or from The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

2. In filling up Form 1090 the following rules should be observed :

- (a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.
- (b) The raingauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not '00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
 - (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted below.
 - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as '01 and those which are mere "traces." An entry .005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17¹/₂.14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.
- (e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.
- (f) The "total number of days with '01 in. or more" includes all the days with any rain except those for which the entry is "trace."
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

3. Short notes on exceptional rainfall may be entered below ; also the names and addresses of any observers whose records (it is thought) have not been communicated to the Meteorological Office previously.

In the notes on falls of unusual intensity (exceeding for example $\frac{1}{2}$ inch in 20 minutes or 1 inch in 1 hour) the following details should be stated :

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this rainfall?
- (c) When was the measurement made?

NOTES.

10 th January	3" of Snow
11 do	4" do do
19 do	4" do do
14 do	1 $\frac{1}{2}$ do do
4 March	1 $\frac{1}{2}$ do do
10 April	2" do do
4 May	Slight Fall
31 December	Terrific Storm of Wind From the South West

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Travelling Form.													5689/ 59a	
For Official use.														
AIR MINISTRY.													County No.	
FORM 1091. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.													River Div.	
REGISTER OF RAINFALL IN 1931.													Station No.	
Kept at		Rain (Golf Course)		Lat.		Long.						150		
in the County of		Rain.		Time of Observation										
by				Nearest Railway Station										
				Diameter of Funnel of Rain Gauge		in.								
				Height of top of Gauge above Ground		ft. in.								
				" " " Sea Level		ft.								
THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.														
Records taken in Inches should be entered on Form 1090.														
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.		
1	3.6	4.6	.	1.9	2.7	5.4	0.7	0.1	10.2	8.7	-	-	1	
2	1.4	2.0	7.7	5.2	0.1	.	1	0.1	4.0	6.3	0.1	0.5	2	
3	0.4	1	0.8	.	4.9	0.1	1	0.2	0.3	1	4.5	1.7	3	
4	1.1	1	.	1.9	1	1	1.9	0.2	1.9	2.3	1	3.8	4	
5	-	0.9	.	1	0.3	.	11.3	0.1	0.3	2.5	-	4.6	5	
6		1	1.2	.	1	0.9	4.7	0.1	1.8	1	.	1.1	6	
7	0.1	2.1	.	1	0.9	0.9	0.9	3.6	0.3	7.0	6.3	1	7	
8	6.5	0.2	2.4	.	1	0.8	.	1.0	1.9	0.2	0.1	3.7	8	
9	1.1	0.1	5.0	1	3.0	9.4	.	1.6	0.3	.	1.0	1.7	9	
10	0.3	4.6	0.5	0.4	1.9	4.0	.	.	0.4	1.2	0.2	.	10	
11	0.4	2.2	0.2	0.4	1	1	2.4	0.4	4.3	2.6	.	.	11	
12	3.6	2.1	2.6	0.4	1	0.1	0.8	4.8	-	.	0.1	.	12	
13	0.4	4.9	.	1	0.5	2.4	0.8	.	.	0.5	.	.	13	
14	6.7	0.5	1.0	1.2	0.1	44.0	12.1	.	.	.	4.2	1	14	
15	3.5	4.1	.	0.4	0.5	0.3	2.0	15	
16	14.6	1.8	.	6.8	2.9	.	0.1	1.3	1.4	1	1	.	16	
17	0.4	4.4	.	2.6	.	0.3	1.9	3.4	-	0.5	1.0	1	17	
18	6.6	0.6	.	1	1	3.6	0.2	1	0.3	.	0.8	0.5	18	
19	2.8	0.2	.	1.5	0.1	0.7	1.9	12.6	-	2.0	.	0.1	19	
20	-	1.3	1.6	0.1	.	1	8.9	-	1	1	1	.	20	
21	-	2.9	1.3	5.4	.	1	7.3	0.5	-	.	.	1	21	
22	4.5	2.6	3.9	1	4.5	1	0.4	1.3	-	4.9	.	1	22	
23	15.2	.	.	0.5	0.3	0.6	1	1.5	0.5	4.7	8.6	0.2	23	
24	0.4	2.1	1	0.1	4.5	.	4.1	0.1	1	.	0.1	1.6	24	
25	4.1	1.1	1	0.5	1	.	16.2	8.6	1	.	0.7	1	25	
26	3.4	0.2	1	4.3	3.7	1	31.7	.	.	0.6	8.9	1	26	
27	0.6	1.7	6.7	5.1	.	1	8.9	.	0.2	4.6	1	1.2	27	
28	6.7	-	.	.	12.2	2.3	0.4	.	1	0.8	3.2	.	28	
29	6.7	-	.	.	.	0.5	0.8	.	1.4	3.7	1	2.4	29	
30	6.7	X	1	0.8	0.2	3.9	.	.	2.8	.	.	.	30	
31	4.8	X	.	X	20.7	X	0.5	.	X	1	X	1.0	31	
TOTAL	(3.4)	1.86	1.37	1.56	2.48	3.16	3.44	1.48	1.27	2.06	1.47	1.07	2683 YEAR'S TOTAL	
Days with 0.2 mm. or more.	79.8	47.3	34.9	39.5	63.1	80.2	112.0	50.2	32.3	52.3	37.4	27.3		
Days with 1.0 mm. or more.	(22)	22	13	17	15	16	22	15	17	16	11	14	200	
Days with 1.6 mm. or more.	(15)	16	10	10	10	8	13	11	9	12	7	11	13.2	

REGISTER OF RAINFALL.**INSTRUCTIONS.**

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 10, Rothesay Place, Edinburgh.

2. In filling up Form 1091 the following rules should be observed :

- (a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st ; it is therefore the amount measured on January 2nd. (Observers who measure their rainfall more than once daily, should add together the amounts for the separate periods, to get the total amount for the 24-hour period ending at the morning observation, in transcribing from their original register of measurements to this Form A note should also be made on this form stating what the hours of measurement are).
- (b) The raingauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
 - (A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted below.
 - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (c) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 3·6 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.
- (d) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.
- (e) The "total number of days with 2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or "1 mm."
- (f) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (g) The heaviest daily fall for each month should be underlined.

3. Short notes on exceptional rainfall may be entered below ; also the names and addresses of any observers whose records (it is thought) have not been communicated to the Meteorological Office previously.

In the notes on falls of unusual intensity (exceeding for example 10 millimetres in 15 minutes or 25 millimetres in 1 hour) the following details should be stated :

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall ?
- (b) What note was made of the times of beginning and end of this rainfall ?
- (c) When was the measurement made ?

NOTES.

*The gauge was moved from Belvoir
on the 27th April 1931 + the height changed
from 82 to 20 ft + no overlap in the readings
occurred. Telephone message from Mr. Neunhauser*

2/3/32

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* See enc 108A File 660628/26

4083 B

AIR MINISTRY.

FORM 1090. METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1926.

* *Ayrwick* Kept at *(Amlaird Fitter)* Lat. Long.
in the County of *Ayr.*
by *William Dunbar*

Time of Observation *9 am GMT*
Nearest Railway Station *Kilmarnock or Stewarton*
Diameter of Funnel of Rain Gauge *5* in.
Height of top of Gauge above Ground *1* ft. in.
" " " Sea Level *590* ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Records taken in Millimetres should be entered on Form 1091.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.16	.00	.05	.06	.00	.17	.00	.00	.00	<u>1.34</u>	.25	.24	1
2	.29	.08.	.10	.02	.00	.00	.00	.00	.00	.08	.06	.41	2
3	.60	.01	.39	.47	.00	.00	.00	.00	.02	.07	.45	.04	3
4	.04	.00	.03	.00	.66	.00	.00	.00	.06	.00	.69	.18	4
5	.17	.77	.58	.00	.07	.00	.00	.44	.14	.00	.29	.06	5
6	.10	.14	.07	.02	.24	.00	.07	.05	.07	.07	.07	.12	6
7	.05	.14	.57	.03	.17	.25	.00	.00	.11	.23	.04	.05	7
8	.40	.01	.36	.06	.00	.00	.40	.10	.00	.79	.00	.38	8
9	.04	.00	.06	.00	.14	.05	.01	.00	.45	.06	.09	.05	9
10	.11	.00	.31	.00	.36	.63	.15	.10	.49	.06	.29	.19	10
11	.00	.00	.08	.00	.12	.17	.00	.17	.15	.38	.34	.01	11
12	.01	.00	.11	.00	.09	.17	.00	.12	.00	.68	.38	.00	12
13	.00	.26	.03	.09	.16	.00	.00	.15	.15	.60	.24	.05	13
14	.03	.82.	.02	.54	.10	.19	.00	.03	1.26	.03	.17	.05	14
15	.07	.17	.00	.18	.00	.09	.00	.12	.00	.05	.15	.16	15
16	.00	.04	.00	.14	.00	.53	.00	.26	.20	.25	.15	.40	16
17	.15	.08.	.00	.13	.00	.00	.00	.39	.00	.00	.01	.41	17
18	.14	.11	.00	.05	.03	.00	.19	.25	.02	.01	.67	.10	18
19	.09	.55	.00	.14	.02	.19	.04	.03	.19	.00	.03	.05	19
20	.00	.12	.00	.01	.00	.13	.85	1.31	.06	.02	.01	.00	20
21	.15	.48	.00	.02	.00	.11	.04	.58	.01	.04	.08	.00	21
22	.86	.12.	.00	.22	.00	.00	.69	.02	.00	.00	.00	.00	22
23	.42	.19.	.00	.00	.00	.00	1.32	.15	.48	.11	.00	.00	23
24	.50	.00	.00	.00	.43	.00	.63	.00	.08	.59	.05	.00	24
25	.06	.07	.00	.17	.10	.00	.00	.03	.09	.33	.39	.00	25
26	.05	.40	.00	.23	.15	.00	.02	.00	.02	.00	.03	.00	26
27	.11	.45	.00	.00	.16	.00	.06	.00	.00	.13	.00	.06	27
28	.11	.06	.10	.01	.03	.00	.11	.00	.04	.00	.02	.24	28
29	.12	X	.10	.02	.04	.00	.02	.00	.00	.00	.02	.02	29
30	.03	X	.02	.00	.38	.00	.00	.00	.85	.00	.00	.11	30
31	.06	X	.47	X	.12	X	.00	.00	X	.00	X	.10	31
TOTAL	492	5.07	3.95	2.61	3.57	2.68	4.60	4.30	4.94	5.92	4.97	3.98	50.51
Days with 1/2 in. or more,	27	21	18	20	20	12	15	18	21	21	25	23	241
Days with 3/4 in. or more	24	19	14	13	17	12	12	14	17	18	19	21	200

REGISTER OF RAINFALL.**INSTRUCTIONS.**

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 - (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted below.
 - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as '01 and those which are mere "traces." An entry .005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17]-14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was '14 in.
- (e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.
- (f) The "total number of days with '01 in. or more" includes all the days with any rain except those for which the entry is "trace."
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

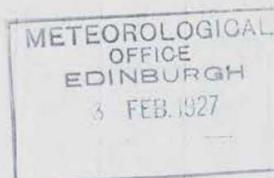
3. Short notes on exceptional rainfall may be entered below; also the names and addresses of any observers whose records (it is thought) have not been communicated to the Meteorological Office previously.

In the notes on falls of unusual intensity (exceeding for example $\frac{1}{2}$ inch in 20 minutes or 1 inch in 1 hour) the following details should be stated:

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this rainfall?
- (c) When was the measurement made?

NOTES.

3/2/27



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Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE. 4334

FORM 1090. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.

Register of Rainfall in 1925.Kept at Gartmore House Gardens
in the County of Perth X-WednesdayDiameter of Funnel of Gauge 5 in.Height of top of Gage above Ground 1 ft. in.
" " " " " Sea Level 160 ft.

Observers are requested to read the instructions printed overleaf before filling in this form.

Every Observer should fill in section C overleaf.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Records taken in Millimetres should be entered on Form 1091.

Jan. 1, following.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	1.00	.04	N.	.61	.04	.14	.08	N.	.01	N.	.16	N.	1
2	.94	.12	N.	.03	.01	.05	N.	N.	.06	.02	.10	N.	2
3	.11	.48	N.	N.	.14	.24	.01	.04	.01	.03	.01	N.	3
4	.20	.59	N.	.19	.66	N.	N.	N.	N.	N.	.05	N.	4
5	.23	1/28 ^{Red}	T.	.38	.24	.23	N.	.30	N.	T.	N.	N.	5
6	.14	1.03	.04	.03	.18	N.	.10	.02	N.	N.	.06	.03	6
7	.05	.42	.09	T.	N.	N.	N.	.64	.11	N.	.01	.36	7
8	.58	1.02	N.	.08	.32	N.	N.	.76	.23	N.	N.	.59	8
9	T.	.53	N.	.09	.04	N.	.05	.10	.39	N.	N.	.47	9
10	.06	.33	.12	N.	.24	N.	N.	N.	T.	N.	N.	.01	10
11	T.	.09	N.	.01	.52	N.	N.	.95	.02	N.	N.	N.	11
12	.01	.22	.05	.24	.25	N.	.01	.38	N.	.18	N.	N.	12
13	.45	.19	.09	.22	T.	.02	T.	.08	.09	N.	N.	N.	13
14	.10	.24	T.	1.23	N.	N.	.21	N.	.03	N.	.01	.02	14
15	.03	.09	.01	.82	.09	N.	N.	N.	.14	N.	.32	.13	15
16	.12	.02	.04	.01	.49	N.	.33	N.	N.	.65	T.	.03	16
17	.41	N.	.01	.83	.29	N.	.68	N.	.48	.05	N.	.04	17
18	T.	T.	.04	.03	.02	N.	.03	N.	.29	.06	N.	5 in Snow	18
19	.01	N.	N.	N.	.29	.01	.08	N.	.23	.12	N.	4 in Snow	19
20	.01	N.	.02	N.	.23	N.	.01	1.46	.40	.65	N.	1 in Snow	20
21	N.	.09	N.	.41	N.	N.	N.	.01	.04	.13	N.	1 in Snow	21
22	.18	1/28 ^{Red}	.02	.99	N.	N.	.12	.03	.37	.14	N.	2 in Snow	22
23	.14	.49	.11	.36	.32	N.	N.	.28	T.	.16	N.	1/28 ^{Red} .89	23
24	T.	.16	T.	.06	.59	N.	N.	.04	N.	.02	N.	N.	24
25	N.	.25	N.	.02	.04	N.	.20	N.	.59	.15	N.	.24	25
26	N.	.44	N.	.02	1.22	N.	.05	.36	.01	.69	N.	.41	26
27	.04	.04	N.	.01	.63	N.	N.	.05	.04	.19	N.	.32	27
28	1.22	.01	.04	N.	.45	N.	.01	.10	.32	.28	.04	.34	28
29	.51		.04	.03	.66	.71	N.	.01	.04	.44	.10	.30	29
30	1.16	X	.49	.01	1.29	.03	N.	.03	N.	.04	.03	.15	30
31	.30	X	.94	X	.22	X	.03	.06	X	T.	X	N.	31
TOTAL	8.00	7.22	2.24	6.74	9.53	.89	2.00	5.76	3.96	4.03	9.24	36	YEARS TOTAL 53.65
Days with .01 in. or more.	24	24	16	24	26	8	16	20	21	.18	11	21	229
Days with .04 in. or more.	20	22	12	14	24	5	10	15	16	.15	4	14	144

(Signed) A. B. Matheson (P.T.O.)

FORM 1090.

B

Monthly Summary.

* * * The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.

RAINFALL IN 1925

NOTE.—Records taken in millimetres should be entered on Form 1091.

At Gartmore House Gardens

In the County of Dumbartonshire

Diameter of Funnel 5 in.

Rain Gauge Height of Top above Ground 1 ft — in.

Height of Ground above Sea Level 160 ft

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with .01 in. or more .04 in. or more	
		Inches.	Date.		
JAN.	8.00	1.22	28	24	20
FEB.	4.22	1.02	8	24	22
MAR.	2.24	.94	31	16	12
APR.	6.44	1.23	14	24	14
MAY	9.53	1.29	30	26	24
JUNE	.89	.24	3	8	5
JULY	2.00	.68	17	16	10
AUG.	5.46	1.46	20	20	15
SEPT.	3.96	.59	25	21	16
OCT.	4.03	.69	26	18	15
NOV.	.92	.32	15	11	4
DEC.	4.36	.59	8	21	14
Total	55.65	14.14	229	177	

Signature H.B. Matheson**C**

Particulars of Station.

* Every observer is requested to fill in this section (especially if a change has been made in the position of the gauge or in its exposure), and also the space for notes as far as possible:

Name and Address to which any correspondence relating to this register should be sent:—

H.B. Matheson
The Gartmore Gardens, Stirling

Latitude of Station 56° 9' N. Longitude 4° 22' W. Hour of observation 5.30 am

Nearest Railway Station Gartmore Distance 1 mile Direction S.E.

Nearest Parish Church Gartmore Distance 3/4 mile Direction S.W.

If gauge has been moved during the year state—

Date of move... Distance... Direction...

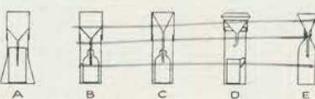
Nature of objects nearest to gauge Range of Glass Houses

Heights of objects 12 ft

Distances ... 34 ft

Directions... S.E. and S.W.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

METEOROLOGICAL
OFFICE
EDINBURGH
26 JAN. 1926

MO
29 APR 1926

D

INSTRUCTIONS.

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(a) Rain should be measured each morning, preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

(b) The raingauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not '00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked '005; this graduation is to show the limit between the amounts which count as '01 and those which are mere "traces." An entry '005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] - 14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was '14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "total number of days with '01 in. or more" includes all the days with any rain except those for which the entry is "trace."

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Section	A	for the entry of Daily Observations.	4390	FOR OFFICIAL USE.									
AIR MINISTRY. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.				4390									
Register of Rainfall in 1930.													
Kept at	<u>RENFREW AERODROME</u>												
in the County of	<u>RENFREW</u>												
Diameter of Funnel of Gauge	8 in.			Observers are requested to read the instructions printed overleaf before filling in this form.									
Height of top of Gauge above Ground	1 ft.	0 in.	Every Observer should fill in section C overleaf.										
"	Ground	Sea Level	36 ft.										
THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.													
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.													
Records taken in Inches should be entered on Form 1090.													
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
30	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	1
1	1.59	1.0	0.2	0.1	-	-	1.9	-	Trace	7.2	-	-	1
2	1.5	TT	-	0.4	-	-	3.6	3.4	-	Trace	6.6	-	2
3	6.5	0.2	2.3	TT	TT	-	0.3	1.4	-	1.4	0.1	0.2	3
4	2.4	0.1	0.3	TT	-	-	1.4	1.8	1.5	8.8	-	-	4
5	4.2	-	14.1	-	-	-	0.3	-	TT	3.7	-	0.4	5
6	5.9	-	0.8	TT	-	0.1	0.1	0.4	8.3	0.3	3.3	6.0	6
7	9.1	-	-	0.1	3.2	-	1.7	0.2	0.3	15.9	22.6	0.8	7
8	3.1	-	8.0	4.4	1.3	2.2	0.1	0.2	-	6.3	12.2	0.7	8
9	5.6	-	0.4	-	-	14.1	-	1.5	10.0	0.9	3.7	Trace	9
10	22.3	-	8.1	-	TT	2.1	-	1.0	0.4	5.7	1.8	1.1	10
11	9.4	-	0.9	4.0	0.9	TT	-	3.8	2.4	5.3	-	10.6	11
12	3.4	-	-	2.9	3.0	-	-	0.1	-	17.9	0.1	17.9	12
13	0.2	-	TT	1.9	9.2	-	5.9	2.6	2.0	6.2	Trace	1.1	13
14	-	4.2	TT	0.4	0.9	-	13.5	0.2	0.1	6.2	5.0	0.1	14
15	-	-	TT	-	0.8	-	5.0	0.5	-	6.9	1.6	5.7	15
16	4.3	TT	15.4	-	0.2	-	4.8	-	Trace	12.9	Trace	5.2	16
17	11.9	-	0.3	-	14.3	-	2.5	12.4	33.1	11.6	0.3	Trace	17
18	2.1	TT	-	-	2.5	TT	0.2	12.1	14.8	0.9	5.3	0.1	18
19	5.6	-	0.2	0.1	0.6	6.1	6.3	10.4	7.9	4.8	Trace	0.6	19
20	2.2	-	4.4	0.6	-	6.7	2.5	22.2	0.4	3.5	18.6	0.1	20
21	8.5	-	5.0	-	-	14.4	-	15.0	Trace	4.1	10.6	0.2	21
22	0.8	-	0.4	1.8	-	0.4	1.0	1.8	9.2	1.4	6.0	2.2	22
23	-	TT	TT	2.0	-	13.2	-	4.1	2.6	4.6	Trace	14.7	23
24	1.4	TT	1.5	8.0	-	2.9	TT	0.2	8.4	5.9	9.9	0.2	24
25	-	0.4	0.1	0.1	-	0.6	0.1	10.1	-	0.1	10.4	2.5	25
26	TT	0.2	TT	TT	-	0.3	1.3	0.2	-	Trace	0.4	11.9	26
27	0.3	-	0.1	-	TT	31	7.1	0.4	-	0.6	0.1	13.1	27
28	5.9	-	4.5	TT	-	22	8.0	0.3	-	0.2	-	19.0	28
29	0.9	X	3.8	-	-	TT	33.1	4.1	-	11.6	-	0.3	29
30	TT	X	4.2	-	-	0.2	-	0.4	-	1.9	-	-	30
31	1.2	X	0.4	X	1.1	X	-	0.1	X	2.3	X	-	31
99	5.55	2.24	3.10	1.17	1.61	2.21	4.46	4.83	3.60	5.98	4.94	4.82	YEARS TOTAL
TOTAL	140.9	6.1	78.7	29.8	141.0	68.9	113.4	122.7	91.14	151.9	125.6	104.7	1075.1
Days with 0.2 mm. or more.	25	5	20	10	12	14	17	24	14	27	17	21	209
Days with 10 mm. or more.	21	2	11	7	4	10	14	14	11	22	15	13	150

(Signed) (P.T.O.)

4890	FORM 1091.	AB	Monthly Summary.																																																																																																																																																
<p><i>* The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.</i></p> <p>RAINFALL IN 192...</p> <p>NOTE.—Records taken in inches should be entered on Form 1090.</p> <p>At RENFREW <small>W.C. 2</small> SCOTLAND</p> <p>In the County of RENFREW</p> <p>Diameter of Funnel 8 in.</p> <p>Height of Top above Ground 1 ft. 0 in.</p> <p>Height of Ground above Sea Level 36 ft.</p>																																																																																																																																																			
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Total	1075·1		209	150																																																																																																																																															
<p>Signature <i>W. J. McIver</i></p> <p>NO. 7 26 JAN 1931</p>																																																																																																																																																			
<p>D INSTRUCTIONS.</p> <p>1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.</p> <p>2. In filling up the register on the reverse side the following rules should be observed. These rules which apply also to the summary form above are printed in <i>italic type</i>:—</p> <p>(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register of the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is before the amount measured on January 2nd.</p> <p>(b) The raingauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).</p> <p>(A) When there is less than 0·5 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.</p> <p>(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.</p> <p>(c) On some measures there is graduation marked "0·5"; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces." An entry "0·5" is not to be made in the register.</p> <p>(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 3-6 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.</p> <p>(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.</p> <p>(f) The "total number of days with 0·2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or "0·1 mm."</p> <p>(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.</p> <p>(h) The heaviest daily fall for each month should be underlined.</p>																																																																																																																																																			
<p>London: Published by His Majesty's Stationery Office. To be purchased directly from H.M. Stationery Office at the following addresses: Adastral House, Kingsway, London, W.C.2; 28, Abingdon Street, London, S.W.1; York Street, Manchester; 1, St. Andrew's Crescent, Cardiff; or 120, George Street, Edinburgh; or through any Bookseller. Price 2d. net.</p> <p>Printed under the authority of His Majesty's Stationery Office by JAS. TRUSCOTT & SON, LTD., Suffolk Lane, Cannon Street, E.C.</p> <p>(*451) Wt. 10147 12325/72. 11/25. T.S. 128. (*51) Wt. 1837-13043. 1,000. 14/25. T.S. 128.</p>																																																																																																																																																			

Section **A**

for the entry of Daily Observations.

Form 1090.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FOR OFFICIAL USE.**REGISTER OF RAINFALL IN 1927.**

4502A

Kept at FINEHORN
in the County of MORAY

Rushmore

Diameter of Funnel of Gauge 3 in.
Height of top of Gauge above Ground ft 9 in.
,, Ground,, Sea Level 2 feet below ft.**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1										00	25		1
2										42	—	—	2
3										90	—	—	3
4										—	08	—	4
5										—	07	—	5
6										—	12	—	6
7										—	25	—	7
8										—	08	—	8
9										—	19	—	9
10										—	11	—	10
11										—	04	—	11
12										09	01	—	12
13										08	—	—	13
14										—	10	—	14
15										09	10	—	15
16										10	04	—	16
17										10	—	—	17
18										07	—	—	18
19										—	—	—	19
20										—	—	—	20
21										06	09	—	21
22										80	—	50	22
23										17	—	—	23
24										14	08	30	24
25										55	—	06	25
26										28	—	—	26
27										—	—	—	27
28										37	—	—	28
29										06	—	—	29
30	X									—	—	—	30
31	X	X	X	X					X	25	X		31
TOTAL										4.54	1.91	2.84	Years Total M.A.P.
Days with 01 in. or more.										14	15	31	
Days with 04 in. or more.										17	15	31	

Please read the Notes and Instructions Overleaf.

(144ws)

Major T. ROSS

(Signed)

Ross

S.P.T.O.

FORM 1090.

BMonthly
Summary.**C**

Particulars of Station.

* * The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.

RAINFALL IN 1927

NOTE.—Records taken in millimetres should be entered on Form 1091.

At *Fordfoot N.*

In the County of *Moray*

Diameter of Funnel *5* in.

Height of Top above Ground ft. *9*

Rain Gauge Height of Ground above Sea Level *2 ft 6 ins. 5 ft*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with '01 in. or more or more
		Inches.	Inches.	
JAN.				
FEB.				
MAR.				
APR.				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.	<i>4.34</i>	<i>.90</i>	<i>3²</i>	<i>- 17</i>
NOV.	<i>1.91</i>	<i>.46</i>	<i>6¹</i>	<i>15</i>
DEC.	<i>.86</i>	<i>.50</i>	<i>22²</i>	<i>3</i>
Total	<i>9.31</i>			<i>35</i>

* Every observer is requested to fill in this section (especially if a change has been made in the position of the gauge or in its exposure), and also the space for notes as far as possible:

Name and Address to which any inquiry relating to this register should be sent:—

Major J. Ross

Gullane Sands Col�ton Fordfoot

Latitude of Station *57° 37' N* Longitude *3° 37' W*

Hour of observation by the clock—in Winter *9 am* in Summer *10 am*

Nearest Railway Station *KIRKLEES* Distance *2 miles* Direction *S.E.*

Nearest Parish Church *FORDFOOT* Distance *800 yds* Direction *S.E.*

If gauge has been moved during the year state— *No*

Date of move Distance Direction

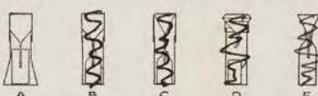
Nature of objects nearest to gauge *Concretes Iron Concretes Iron Hedge*

Heights of objects *5 feet 5 ft 7 ft*

Distances *7 yds 10 yds 10 yds*

Directions *E W S E*

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make sketch of it. (Good gauges to use are those marked A and B.)

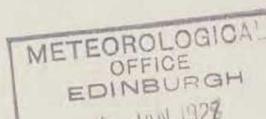


If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?



Signature.....

*J. Ross***D****INSTRUCTIONS.**

1. Advice as to the selection of the site for a raingauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumshieugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The raingauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not '00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B). (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as .01 and those which are mere "traces." An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] .14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "total number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace."

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Section **A** for the entry of Daily Observations.
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

FOR OFFICIAL USE.

REGISTER OF RAINFALL IN 1927.

4325

Kept at Tenbyars
 in the County of Fife

160

Diameter of Funnel of Gauge.....9 in.Height of top of Gauge above Ground.....1 ft.— in.
 " Ground " Sea Level40 ft.**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Records taken in Inches should be entered on Form 1090.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
1	Tr	Tr	0.9	Tr	-	6.5	Tr	0.3	2.1	6.8	6.3	-	1
2	0.2	0.2	3.5	2.6	11.1	-	0.1	0.6	-	33.3	1.9	-	2
3	Tr	0.5	4.0	0.3	3.9	-	1.7	-	-	-	0.4	-	3
4	1.6	Tr	1.4	2.6	19.7	Tr	6.6	-	-	-	0.1	-	4
5	1.1	2.1	0.2	0.6	-	4.9	11.7	17.2	-	-	0.2	1.5	5
6	0.8	-	-	0.1	Tr	0.2	-	0.8	13.3	Tr	0.7	0.5	6
7	0.1	3.7	-	Tr	0.1	0.1	5.3	8.3	2.8	Tr	0.1	0.2	7
8	7.4	-	-	0.1	0.2	1.0	11.9	22.0	2.0	Tr	-	0.1	8
9	-	-	1.1	1.3	Tr	-	Tr	0.4	3.7	Tr	2.4	0.2	9
10	-	Tr	0.8	Tr	-	-	17.8	-	4.2	-	Tr	0.2	10
11	1.7	Tr	0.3	Tr	-	0.2	3.6	1.8	-	-	0.3	1.9	11
12	7.4	Tr	-	0.1	Tr	-	Tr	0.6	-	-	0.2	Tr	12
13	1.4	7.7	0.1	2.2	7.0	-	Tr	5.1	Tr	0.8	Tr	Tr	13
14	Tr	0.1	0.9	1.7	3.4	-	-	20.0	Tr	Tr	0.3	9.9	14
15	1.1	0.2	1.2	0.3	-	-	-	1.6	-	1.1	3.4	1.7	15
16	1.3	0.1	0.2	-	-	7.9	-	9.1	3.4	1.9	0.1	0.1	16
17	Tr	-	Tr	-	-	7.5	-	-	1.4	0.2	1.2	-	17
18	-	-	0.2	Tr	Tr	Tr	-	0.2	-	0.2	1.0	1.3	18
19	Tr	0.2	0.1	-	0.1	Tr	-	1.6	4.3	-	1.6	3.7	19
20	0.7	0.2	0.4	-	0.6	1.2	3.3	0.7	7.4	-	4.6	2.1	20
21	Tr	0.5	1.0	1.9	0.5	0.2	2.7	3.1	26.5	16.7	5.6	4.5	21
22	Tr	6.0	4.8	Tr	Tr	1.5	Tr	2.2	26.0	26.3	2.9	25.0	22
23	0.9	0.1	17.5	2.1	2.0	5.2	0.1	6.8	0.1	Tr	4.3	2.1	23
24	7.7	-	1.0	1.7	Tr	0.7	-	-	0.3	3.6	Tr	0.5	24
25	7.1	7.3	7.0	Tr	-	13.3	-	-	4.7	2.6	-	7.9	25
26	1.6	3.3	Tr	0.1	-	-	Tr	Tr	2.7	7.9	0.6	-	26
27	8.5	0.2	Tr	Tr	1.7	0.4	3.7	0.1	Tr	0.7	Tr	-	27
28	1.9	7.3	Tr	0.1	-	0.1	0.6	0.1	15.2	16.7	1.7	0.1	28
29	7.4	X	4.2	-	-	Tr	-	-	0.7	-	-	0.3	29
30	0.1	X	7.5	0.2	1.2	Tr	1.2	1.9	4.9	1.3	-	-	30
31	Tr	X	-	X	Tr	X	-	2.6	X	Tr	X	-	29.48 31
TOTAL	1.57	.93	1.69	.90	1.97	1.93	2.93	4.22	4.95	4.57	1.55	2.27	YEARS TOTAL 748.87
Days with 0.2 mm. or more.	10.0	23.7	43.0	22.9	50.0	49.9	74.3	107.1	125.7	116.1	39.4	51.7	
Days with 1.0 mm. or more.	14	14	20	12	11	14	17	21	14	15	19	17	191
	14	7	12	8	9	9	11	14	16	11	12	11	133

Please read the Notes and Instructions Overleaf.

(144v)

(Signed) J.H. Hawley

T. E.
P.T.O.

FORM 1091.

B Monthly Summary.

*** The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.

RAINFALL IN 192...

NOTE—Records taken in inches should be entered on Form 1090.

At.....
In the County of.....
Diameter of Funnel.....in.
Height of Top above Ground.....ft.....in.
Height of Ground above Sea Level.....ft.

Rain Gauge.

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of days with 0.2 mm. or more or more
JAN.	Millimetres	Millimetres	Date.
FEB.			
MAR.			
APR.			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
Total			

Signature.....

C Particulars of Station.

* Every observer is requested to fill in this section (especially if a change has been made in the position of the gauge or in its exposure), and also the space for notes as far as possible:

Name and Address to which any inquiry relating to this register should be sent:—

The Meteorological Office,
Kef (Furness) Barr, Luncash, Fife.

Latitude of Station. 55° 53' N. Longitude. 2° 53' W.

Hour of observation by the clock—in Winter. 0700 Gmt. in Summer. 0700 Gmt.

Nearest Railway Station. Luncash. Distance. ½ mile. Direction. 760°

Nearest Parish Church. Luncash. Distance. ½ mile. Direction. 320°

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

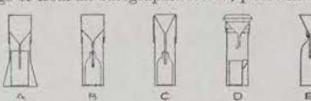
Nature of objects nearest to gauge

Heights of objects

Distances

Directions

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.) If the reading is taken from a mechanical gauge or from an autographic record, please indicate the fact.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

METEOROLOGICAL
OFFICE
EDINBURGH

12 JAN 1928

D**INSTRUCTIONS.**

1. Advice as to the selection of the site for a rain gauge, particulars of the gauge recommended for use and other information is given in "Rules for Rainfall Observers," to be obtained from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumshieugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B). (A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .05; this graduation is to show the limit between the amounts which count as 0.1 and those which are mere "traces." An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 3.6 | would show that the reading on

the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "total number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Section **A** for the entry of Daily Observations.
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.
 FORM 1090.

FOR OFFICIAL USE.

REGISTER OF RAINFALL IN 1928.

Kept at Craigdarroch, Kirkcudbright
 in the County of Wigtown
 Diameter of Funnel of Gauge..... .5 in.
 Height of top of Gauge above Ground..... 9 in.
 " " " " Sea Level..... 300 ft.

METEOROLOGICAL
OFFICE,
EDINBURGH,
10 JAN 1929

3955

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.	
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.73	.08	.20	.0	0	0	.31	.0	.0	.06	.0	.0	1	
2	.04	.28	.0	.43	.06	.0	.05	.0	.19	.0	.0	.0	2	
3	.11	.40	.0	.06	.07	.0	.01	.0	.48	.0	.0	.07	3	
4	.61	.63	.23	.0	.0	.0	1.12	.0	.11	.0	.0	.08	4	
5	1.03	.06	.03	.0	.0	.10	.07	.0	.18	.38	.10	.11	5	
6	.63	.0	.0	.0	.0	.0	.0	1.21	.23	.14	.0	.20	6	
7	.58	.0	.0	.09	.0	.11	.0	.30	.21	.62	.0	.02	7	
8	.06	.0	.0	.15	.0	.36	.10	.15	.01	.05	.0	.13	8	
9	.11	.13	.0	.28	.0	.63	.0	.05	.12	.47	.69	.47	9	
10	.03	.61	.0	.0	.0	.0	.35	.43	.30	.43	.10	.15	10	
11	.36	.19	.0	.35	.0	.0	.01	.55	.0	.76	1.08	.02	11	
12	.15	.13	.04	.04	.0	.22	.04	.09	.2	.0	.0	.0	12	
13	.21	.33	.0	.02	.0	.86	.0	.13	.0	.0	.0	.0	13	
14	.87	.35	.0	.0	.0	.0	.0	.10	.08	.48	.62	.0	14	
15	.15	.21	.10	.0	.0	.02	.03	.0	.0	.35	.37	1.05	15	
16	.0	.29	.54	.0	.0	.0	.0	.0	.0	.68	.33	.53	1.47	16
17	.20	.16	.21	.07	.17	.0	.0	.0	.21	.10	.43	.0	17	
18	1.45	.0	.19	.04	.20	.64	.01	.0	.0	.75	.83	.55	18	
19	.63	.0	.91	.0	.07	.14	.0	.32	.0	.76	.22	.26	19	
20	.55	.0	.14	.0	.04	.0	.0	1.26	.05	.08	.35	.0	20	
21	.16	.0	.48	.0	.02	.42	.0	.0	.06	.29	.55	.08	21	
22	.15	.16	.06	.32	.0	.07	.03	.21	.0	.06	.52	.23	22	
23	.86	.0	.11	.17	.0	.06	1.14	.52	.0	.77	1.26	.04	23	
24	.15	.0	.04	.0	.0	.16	.01	.0	.0	.14	.32	.11	24	
25	.16	.0	.0	.01	.0	.22	.0	.0	.0	.84	.37	.85	25	
26	.05	.0	.34	.0	.62	.04	.67	.31	.0	.47	.44	.18	26	
27	.54	.0	.0	.0	.45	.26	.01	.04	.0	.0	.02	.0	27	
28	.30	.0	.22	.0	.0	.80	.17	.38	.02	.14	.06	.16	28	
29	.14	.16	.79	.0	.0	.42	.0	.25	.0	.64	.05	.10	29	
30	.02	X	.10	.0	.0	.15	.0	.0	.0	.43	.05	.0	30	
31	.54	X	.0	X	.0	X	.0	.0	X	.01	X	.0	66.16	
TOTAL	11.57	4.17	4.73	2.03	1.70	5.66	3.13	6.30	2.73	9.55	9.26	5.33	66.76	
Days with .01 in. or more.	30	16	18	13	9	19	17	17	15	25	21	21	221	
Days with .04 in. or more.	28	16	17	11	8	18	10	17	12	24	20	19	200	

FORM 1090.

B

Monthly Summary.

* * The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.

RAINFALL IN 1928.

At.....*Wigtown, Kirkcudbrightshire*In the County of.....*Wigtown*

Rain Gauge. Diameter of Funnel.....*5* in.
Height of Top above Ground.....*9* ft.
Height of Ground above Sea Level.....*300* ft.

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with		Date.
			'01 in.	'04 in. or more	
JAN.	11.57	1.45	18 ⁵	30	28
FEB.	4.17	6.3	4 ⁵	16	16
MAR.	4.73	9.1	19 ⁵	18	17
APR.	2.13	4.3	2 ⁵	13	11
MAY	4.72	6.2	26 ⁵	9	8
JUNE	5.66	8.6	13 ⁵	19	18
JULY	2.13	1.12	4 ⁵	17	10
AUG.	6.30	1.26	20 ⁵	17	17
SEPT.	2.73	6.8	16 ⁵	15	12
OCT.	9.55	8.4	25 ⁵	25	24
NOV.	9.26	1.26	23 ⁵	21	20
DEC.	5.93	1.05	15 ⁵	21	19
Total	66.76		221	200	

Signature.....*H. A. F. Hamilton***C**

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Major F. Hamilton
*Kirkcudbrightshire*Hour of observation by the clock—in Winter.....*9 a.m.* in Summer.....*9 a.m.*Nearest Railway Station.....*Kirkcudbright* Distance.....*3 miles* Direction from *E*Nearest Parish Church at*Kirkcudbright* Distance.....*1 mile* Direction from *E*Nature of objects nearest to gauge.....*Hedge*Heights of objects.....*14 ft*

Distances

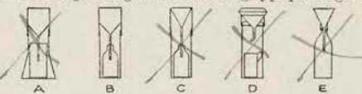
Directions from gauge.....*NNE*

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D

INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

- (a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.
- (b) The rain gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not -00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02, or .03.
- (c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as .01 and those which are mere "traces." An entry .005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] 14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.
- (e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.
- (f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02, or .03.
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

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40-9999.

Section	A	for the entry of Daily Observations.												4069 FOR OFFICIAL USE.
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. FORM 1091. REGISTER OF RAINFALL IN 1928.														
Kept at <u>Boyle</u> in the County of <u>Middlesex</u> . Diameter of Funnel of Gange..... 8 in. Height of top of Gauge above Ground..... 1 ft. 2 in. " Ground " Sea Level 645 ft.														METEOROLOGICAL OFFICE, EDINBURGH. <u>5 JAN 1929</u>
THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.														
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.														Jan. 1, following
Please read the Notes and Instructions Overleaf.														
Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.		
1	6.0	9.1	0.5	0.3	0.4	—	4.7	—	—	—	—	—	1	
2	tr.	6.4	0.8	2.5	tr.	—	0.2	—	0.3	—	8.7	—	2	
3	tr.	5.	0.3	3.8	0.4	—	tr.	—	3.7	—	10.6	—	3	
4	2.1	9.2	1.8	0.3	tr.	0.1	2.7	—	6.2	—	0.3	0.8	4	
5	7.2	5.9	3.7	tr.	—	—	0.3	—	6.4	1.4	0.1	0.5	5	
6	5.2	5.2	tr.	—	—	0.3	4.3	2.7	0.1	tr.	—	8.1	6	
7	3.3	0.3	1.3	0.1	—	10.5	—	6.0	2.2	2.6	3.5	—	7	
8	7.0	8.0	0.3	tr.	—	14.0	0.2	0.3	10.0	1.1	0.1	—	8	
9	4.4	5.7	2.5	tr.	—	16.3	0.1	0.7	4.9	5.6	1.2	0.6	9	
10	13.2	5.2	1.8	5.2	—	2.3	4.3	2.6	5.5	0.4	4.0	—	10	
11	7.9	1.9	3.5	3.1	—	0.1	0.8	12.0	—	7.3	4.1	1.4	11	
12	10.9	0.8	4.9	1.5	0.6	0.6	0.3	3.2	—	—	0.2	0.4	12	
13	2.7	5.7	1.0	tr.	0.4	29.4	0.1	10.7	—	—	—	tr.	13	
14	10.3	0.8	—	0.3	tr.	0.4	—	—	0.1	1.4	2.0	tr.	14	
15	3.0	2.6	—	0.6	3.2	4.7	1.5	1.2	—	0.9	0.3	5.1	15	
16	1.8	4.2	0.4	tr.	6.6	—	—	0.6	2.6	7.4	3.9	4.5	16	
17	0.4	0.3	0.3	tr.	6.7	12.2	tr.	—	5.7	0.1	—	—	17	
18	11.7	tr.	3.4	0.1	3.9	4.4	—	tr.	tr.	11.1	3.7	1.7	18	
19	/	0.1	1.7	0.5	0.7	2.2	—	8.1	2.6	4.3	3.4	0.8	19	
20	3.9	—	2.9	2.1	3.4	—	—	15.3	—	1.0	2.7	0.1	20	
21	2.4	—	tr.	—	—	2.0	—	3.1	—	7.1	5.0	0.3	21	
22	tr.	—	0.7	tr.	—	3.8	—	0.4	—	0.1	7.5	1.7	22	
23	4.7	tr.	0.5	0.4	0.3	—	0.1	3.7	1.3	2.1	18.6	7.5	23	
24	5.9	tr.	4.5	—	—	1.2	—	1.0	0.3	4.1	7.5	7.2	24	
25	8.1	tr.	tr.	0.5	—	10.5	—	18.5	—	0.1	0.2	9.1	25	
26	8.6	0.1	2.6	—	5.2	11.2	25.4	19.8	—	3.0	—	—	26	
27	3.2	tr.	0.2	—	8.0	—	15.4	0.5	4.4	—	—	tr.	27	
28	6.2	—	tr.	0.2	tr.	6.3	1.2	3.3	0.7	—	1.1	4.6	28	
29	9.2	tr.	5.6	0.3	tr.	3.2	0.1	3.6	—	6.5	0.3	3.4	29	
30	0.1	X	3.8	1.4	0.1	3.0	1.3	1.8	—	7.1	—	0.5	30	
31	6.4	X	0.1	X	tr.	X	tr.	1.9	X	6.6	X	—	31	
TOTAL	156.8	71.5	49.1	23.2	39.9	138.7	63.0	21.0	57.0	81.3	89.0	58.3	948.8	
Days with 0.2 mm. or more.	26	16	24	16	13	20	14	23	15	19	21	18	225	
Days with 1.0 mm. or more.	25	12	15	7	7	17	9	18	12	17	16	11	166	
(144w)	6.17	2.81	1.93	0.91	1.57	5.46	2.48	4.76	2.24	3.20	3.60	2.30	37.33	
40-9999.	(Signed) J. D. Stuart, M.A.												(P.T.O.)	
M.														

FORM 1091.

BMonthly
Summary.

* * The following register of monthly totals, &c.,
is required if daily or weekly values
cannot be given on the other side.

RAINFALL IN 1928.

NOTE—Records taken in inches should
be entered on Form 1090.

At.... *Boaghall*In the County of.... *Middlethorpe*

Rain Gauge.	Diameter of Funnel.....	8 in.
	Height of Top above Ground.....	1 ft. 0 in.
	Height of Ground above Sea Level	64.5 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with 0·2 mm. 1·0 mm. or more or more
	Millimetres	Millimetres	Date,
JAN.			
FEB.			
MAR.			
APR.			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
Total			

Signature.....

C

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes
as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

*F.D. Stewart, M.A., B.Sc.,
Milton Bridge, Middlethorpe.*

Hour of observation by the clock—in Winter..... 09:00 A.M. In Summer..... 10:00 A.M. B.S.T.

Nearest Railway Station..... *Glencorse (LNER)* Distance..... 2 miles. Direction from..... S

Nearest Parish Church at..... *Glencorse* Distance..... 1½ miles. Direction from..... S

Nature of objects nearest to gauge..... *Stonewall between Sunshine Rec.*

Heights of objects..... 5 ft. 8 in. 4 ft.

Distances 16 ft. 12 ft.

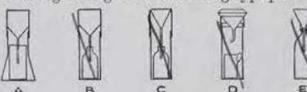
Directions from gauge..... N.E. S.

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges
which do not represent it. If the pattern is different from any of these please make a
sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please
give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

No exceptionally heavy or long
continued falls occurred during the
year. A hyetograph is also in
use, and this, (when in working order)
has always been found to agree with
the rain gauge as to total fall, thus
rendering errors in reading unlikely.

D

INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

- (a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (b) The rain gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than 0·5 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked '05; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces." An entry '05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 3·6 | would show that the reading on

the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0·2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0·1 mm. The "number of days with 1·0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0·1, 0·2, 0·3, 0·4, 0·5, 0·6, 0·7, 0·8, or 0·9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Section **A** for the entry of Daily Observations.
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION 3970
 FORM 1090.

FOR OFFICIAL USE.

REGISTER OF RAINFALL IN 1928.

Kept at Conlongon Castle, Ruthwell
 in the County of Dumfries

Diameter of Funnel of Gauge 5 in.
 Height of top of Gauge above Ground 4 ft. in.
 " " Ground " Sea Level 5170 ft.

METEOROLOGICAL
OFFICE,
EDINBURGH.

5 JAN 1929

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
28	.50	.07	.18	.05			.59			.04	.01		1
1													
2	—	.60	.06	.25	.03		Freeze		.01		.05		2
3	.03	.03	.18	.10	.14				.40		.01		3
4	.27	.62	.41	.01			.94		.09			.09	4
5	.32	.05	—	.02			.04		.25	.23		.13	5
6	.19	.01	—	—				.78	.02	.01		.12	6
7	.20	.01	—	.12		.39		.70	.26	.79			7
8	.01	.13	—	.11		.35		.09	.09	.43	.01	.07	8
9	.33	.18	Freeze	.03		.74			.17	.12	.20	.12	9
10	.14	.52	.01	.10			.22	.29	.23	.51	.54		10
11	.53	.03	—	.14		.01	.05	.125		.42	.49		11
12	.60	.10	.05	—	.02	.11	.44	.41			.10		12
13	.05	.24	—	.01		.177		.16			.03		13
14	.53	.13	—			.14		.03	.02	.25	.34		14
15	.30	.27	—			.08	Freeze		.17	.04	.73		15
16	—	.15	.35		.05			.19	.39	.42	.55		16
17	.03	.02	.31	Freeze	.06	.02			.20		.01	.12	17
18	.90	.01	.13	.09	.10	.44			.01	.93	.39	.20	18
19	.18	—	.43		.35	.40		.24		.25	.28	.14	19
20	.22	—	.65		.02		1.04	Freeze	.09	.45			20
21	.44	.01	.02			.30				.55	.21	.04	21
22	Freeze	—	.01			.05	.28	.01		.03	.55	.14	22
23	.33	—	—	.05		.01		.56	.03	.24	.39	.11	23
24	.15	—	.12	.12		.16	.02	.17		.21	.25	.50	24
25	.14	—	—	.04		.20	.04	.11		.21	.16	.50	25
26	.12	—	.22		.52	.19	.70	.82		.67	.02	.10	26
27	.05	—	—		.35	.03	.09	.20					27
28	.20	—	.02			.70	.08	.03	Freeze	.20	.24		28
29	.44	.19	.66			.14	.11	.29		.50	Freeze	.05	29
30	.01	X	.05	.02		.07	.02	.05		.56	—		30
31	.19	X	—	X		X	—	.05	X	.01	X		31
TOTAL	7.46	3.37	3.86	1.26	1.64	6.30	3.71	7.45	2.26	7.27	5.21	3.88	53.65
Days with 0.1 in. or more.	28	20	18	16	10	21	15	23	14	23	23	17	226
Days with 0.4 in. or more.	24	13	14	11	7	17	13	18	9	19	18	17	180

40-9999

Corr. after ref. to obs.

M

(Signed).....

P.P.O.

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.

RAINFALL IN 1928.

At *Conlongon Castle Ruthwell*In the County of *Dumfries*

Diameter of Funnel 5 in.
 Rain Gauge Height of Top above Ground 1 ft. in.
 Height of Ground above Sea Level 7370 ft.

Month.	Total Depth,	Greatest Fall in 24 hours,		Number of Days with 1 in. or more	
		inches.	inches.	Date.	in in. or more
JAN.	7.46	.90	18	28	24
FEB.	3.37	.62	4	20	13
MAR.	3.86	.66	29	18	14
APR.	1.26	.25	2	16	11
MAY	1.64	.52	26	10	7
JUNE	6.30	1.77	13	21	17
JULY	3.71	.94	4	15	13
AUG.	7.45	1.25	11	21	18
SEPT.	2.26	.43	8	14	9
OCT.	7.27	.93	18	23	19
5.19 Nov.	6.21	.55	22	24	18
3.88 DEC.	3.50	.43	15	18	14
Total	53.65			228	180
					126

53.65

Signature. *M.B.***C** Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

*William Brown
Conlongon Nursery Ruthwell*

Hour of observation by the clock—in Winter 9 + 21 in Summer 8 + 20

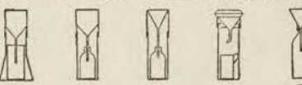
Nearest Railway Station *Ruthwell* Distance 1 mi. Direction from *N*Nearest Parish Church at *Ruthwell* Distance ½ mi. Direction from *NE*Nature of objects nearest to gauge *Dwelling house, tree*Heights of objects *25 ft. 60 ft.*Distances *20 yds. 25 yds.*Directions from gauge *NW N*

If gauge has been moved during the year state— no.

Date of move:..... Distance:..... Direction:.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumshieugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The雨 gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be dash — (not '00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked '005; this graduation is to show the limit between the amounts which count as '01 and those which are mere "traces." An entry '005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 14 | would show that the reading on

the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with '01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with '04 in. or more" includes all the days with any rain except those for which the entries are trace, '01, '02, or '03.

(g) If observations are not available for every day during the month, the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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(*83) Wt. 23575-1531/1662. 13,000. 2/28 T.S. 118.

40-9999

Section	A	for the entry of Daily Observations.	4653	FOR OFFICIAL USE.									
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.													
FORM 1090.	REGISTER OF RAINFALL IN 1929.												
Kept at <i>Peterhead (Stockbridge)</i>	<i>Peterhead Aberdeenshire</i>												
in the County of													
Diameter of Funnel of Gauge	157? 16												
Height of top of Gauge above Ground	1 ft	in.											
,, Ground	,, Sea Level	ft.											
THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.													
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.													
Please read the Notes and Instructions Overleaf.													
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
1	.2	.16		.5			.3	.3		.13	.18	.3	1
2	.11		.12		.45			.15			.14	.8	2
3	.1		.6	.3	.8		.2	.32	.8		.17		3
4	.6		.18		.3	.6		.2	.22	.4	.26		4
5	.10			.25		.117	.24	.2	.50		.3		5
6	.12	.13		.43	.31	.9	.3	.24	.67		.29		6
7	.4								.3	.15	.7		7
8	.3		.6	.10			.2	.12	.5		.7		8
9	.10	.8		.13	.6	.2	.6	.3		.2		.1	9
10	.2	.10		.7	.6	.10	.19				.12		10
11	.3		.2			.2	.12			.7	.45		11
12	.5	.3			.10		.3				.8		12
13	.4	.53		.23	.15		.24		.5		.2		13
14	.8	.20		.7			.6	.6	.16		.1		14
15	.6	.20		.1			.22		.6				15
16	.78	.25			.20		.38		.4	.1	.2		16
17	.30		.6				.54						17
18	.3		.12		.9		.3	.18	.8	.01			18
19	.1		.9		.6		.2	.26		.20	.25		19
20		.11		.2			.5	.3	.9	.1	.77		20
21	.3	.16	.8		.6	.2	.21	.4	.1		.35		21
22	.8		.3		.11			.6	.3		.55		22
23	.13		.3						.1	.34	.8		23
24	.14	.50	.4	.6	.4	.7				.1	.59		24
25	.26	.10	.3							.41	.35		25
26	.4						.3	.2	.23		.7		26
27	.1		.45				.24	.3	.18	.5			27
28	.10		.21			.21	.1		.22	.29	.26		28
29	.11		.3			.19	.10	.3	.3	.4			29
30	.3	X	.1	.1	.8	.10	.9		.2	.15	.1		30
31		X	.5	X		X	.6	.1	X		X		31
TOTAL	2.26	2.94	3.7	1.81	1.30	1.89	2.66	3.09	1.43	2.91	3.20	4.99	28.85
Days with .1 in. or more.	21	19	5	18	11	16	12	23	14	22	16	25	204
Days with .4 in. or more.	14	15	4	13	8	13	9	14	8	15	13	18	144

40-9999

(Signed) James Robertson [P.T.O.]

FORM 1090.

B

Monthly Summary.

* * * The following register of monthly totals &c., is required if daily or weekly values are not given on the other side.

RAINFALL IN 1929
At *Slockbridge Peterhead*
In the County of *Aberdeenshire*

Nearest Railway Station

Diameter of Funnel

Height of Top above Ground

Height of Ground above Sea Level

6⁵/in.

ft. in.

ft.

Nature of objects nearest to gauge

Heights of objects

Distances ..

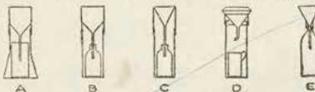
Directions from gauge ..

If gauge has been moved during the year state—

Date of move .. Distance .. Direction ..

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with .01 in. or more
JAN.	2.26	.78	16 21 14
FEB.	2.94	.53	15 19 15
MAR.	.37	.16	21 5 4
APRIL	1.81	.45	27 18 13
MAY	1.30	.43	6 11 8
JUNE	1.89	.45	2 16 13
JULY	2.66	.17	5 12 9
AUG.	3.09	.54	17 25 14
SEPT.	1.43	.32	3 14 8
OCT.	2.91	.67	6 22 13
NOV.	3.20	1.01	18 16 13
DEC.	4.99	.77	20 25 18
Total	28.85		204 144

Signature *James Robertson*

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not '00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as .01 and those which are mere "traces." An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | } .14 | would show that the

reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02, or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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40-9999

Houston Manse

FOR OFFICIAL USE. *Convict 4386*

Section **A** for the entry of Daily Observations. *4386*
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091. **REGISTER OF RAINFALL IN 1930.**

Kept at HOUSTON (THE MANSE),
in the County of RENFREW.

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft - in.
,, Ground , Sea Level 103 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
1	18.9	0.2	0.1	0.9	-	-	Tr	6.7	-	-	9.4	-	1
2	19.3	0.4	0.1	1.3	-	-	5.1	3.7	-	-	1.1	-	2
3	5.7	0.2	3.6	-	-	-	Tr	2.1	-	1.1	Tr	0.1	3
4	2.3	0.2	1.0	Tr	-	-	-	1.7	1.7	14.5	-	0.2	4
5	6.5	-	19.9	Tr	-	-	0.9	-	-	3.2	-	-	5
6	10.7	-	0.9	-	-	-	Tr	-	-	1.1	4.3	5.4	6
7	12.3	-	-	0.9	-	-	-	-	0.5	21.5	32.3	0.5	7
8	5.2	-	11.7	5.4	1.2	6.2	0.1	0.7	-	Tr	22.1	1.7	8
9	2.8	-	-	-	-	14.9	-	4.0	7.5	2.0	3.1	-	9
10	28.0	-	5.7	-	Tr	0.9	-	2.6	Tr	7.5	2.5	2.9	10
11	13.1	-	1.1	6.1	0.5	-	Tr	4.0	0.1	3.6	Tr	7.0	11
12	5.8	-	Tr	1.0	5.6	-	-	Tr	-	25.2	Tr	18.1	12
13	0.9	-	Tr	0.7	8.6	-	1.4	3.5	3.1	8.3	0.2	2.5	13
14	-	9.7	-	0.7	0.8	-	9.0	-	-	10.3	7.9	-	14
15	-	Tr	-	-	0.7	-	2.3	-	-	7.5	0.7	9.4	15
16	9.3	-	16.8	-	Tr	-	8.0	-	0.2	15.6	-	2.8	16
17	17.0	-	0.6	-	29.6	-	2.2	14.7	34.6	12.0	1.2	1.2	17
18	3.0	-	Tr	-	1.9	-	0.9	15.9	0.3	0.5	3.4	0.5	18
19	5.0	-	0.6	-	3.3	5.2	1.6	8.7	8.5	9.5	0.4	1.5	19
20	2.5	-	3.2	0.7	-	4.9	18.8	18.0	1.2	1.5	18.8	0.2	20
21	15.1	-	5.1	-	-	13.8	-	13.5	-	6.5	17.9	0.3	21
22	1.4	0.1	Tr	3.1	-	0.5	0.9	0.6	17.8	3.3	Tr	9.3	22
23	-	0.2	-	5.9	-	14.4	Tr	7.3	5.1	4.7	4.1	5.7	23
24	3.3	-	4.2	11.7	-	4.3	-	0.2	13.7	6.0	18.3	1.0	24
25	-	0.7	Tr	0.6	-	0.4	Tr	-	-	0.8	7.8	10.7	25
26	0.3	Tr	Tr	Tr	-	2.8	11.0	13.1	-	0.3	-	12.7	26
27	Tr	0.1	2.9	-	-	1.8	8.7	1.3	-	2.3	-	12.3	27
28	4.0	0.1	4.7	-	-	3.6	7.7	5.8	-	0.8	-	14.5	28
29	2.0	X	3.9	-	-	0.4	10.0	Tr	-	12.3	-	0.6	29
30	0.1	X	14.1	-	-	0.5	-	0.6	-	2.7	-	-	30
31	0.9	X	0.5	X	0.3	X	-	Tr	X	2.4	X	-	31
TOTAL	16.9	4.7	3.96	1.54	2.07	2.94	3.49	5.07	3.71	7.36	6.12	4.77	YEARS TOTAL 49.1
Days with 0.2 mm. or more.	195.4	11.9	100.7	39.0	52.5	74.6	88.6	128.7	94.3	187.0	155.5	121.1	1249.3
Days with 1.0 mm. or more.	25	7	18	13	10	15	15	21	12	28	18	23	205
(144w)	22	1	14	7	6	10	12	17	9	24	15	17	154

40-9999 (Signed) George Muir [P.T.O.]

FORM 1091.

B

Monthly Summary.

* The following register of monthly totals, &c., is not required if daily or weekly values are given on the other side.

RAINFALL IN 1930.

NOTE—Records taken in inches should be entered on Form 1090.

At HOUSTON (THE MANSE)In the County of RENFREW

Rain Gauge | Diameter of Funnel 5 in.
 Height of Top above Ground 1 ft. — in.
 Height of Ground above Sea Level 103 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with 0.01 mm., 0.1 mm., or more		
	Millimetres	Millimetres	Date.	or more	or more
JAN.	195.4	28.0	10	25	22
FEB.	11.9	9.7	14	7	1
MAR.	100.7	19.9	5	18	14
APRIL	39.0	11.7	24	13	7
MAY	52.5	29.6	17	10	6
JUNE	74.6	14.9	9	15	10
JULY	88.6	18.8	20	15	12
AUG.	128.7	18.0	20	21	17
SEPT.	94.3	34.6	17	12	9
OCT.	187.0	25.2	12	28	24
NOV.	155.5	32.3	7	18	15
DEC.	121.1	18.1	12	23	17
Total	1249.3		205	154	

Signature George Muir

4386

C

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Rev. GEORGE MUIRTHE MANSE, HOUSTON, RENFREWSHIRE

Hour of observation by the clock—in Winter 9.0 A.M. in Summer 9.0 G.M.T.

Nearest Railway Station HOUSTON CROSSEY Distance 2 m. gauge S

Nearest Parish Church at HOUSTON & KILLELLAN Distance 250 yds. gauge N

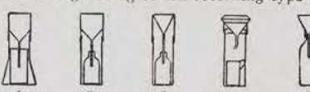
Nature of objects nearest to gauge	<u>Trees</u>			
Heights of objects	<u>38'</u>			
Distances ..	<u>80'</u>			
Directions from gauge ..	<u>N</u>			

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not 0''). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .05; this graduation is to show the limit between the amounts which count as 0.1 and those which are mere "traces." An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | } 3.6 | would show that the

reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, or 0.9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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(195) Wt.14930/1021/1226 1,000 10/29, Gp. 119/111.

26 JAN 1931

Section	A	for the entry of Daily Observations.	4345	FOR OFFICIAL USE.									
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.				4345									
FORM 1090. REGISTER OF RAINFALL IN 1930.													
Kept at <u>BIRKHEADSTEEL</u> , <u>DALRY</u> . in the County of <u>AYR</u> .				METEOROLOGICAL OFFICE, EDINBURGH.									
Diameter of Funnel of Gauge <u>FIVE</u> in. Height of top of Gauge above Ground <u>ONE</u> ft. — in. Ground " Sea Level <u>520</u> ft.				17 MAR 1951									
THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.													
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.													
Please read the Notes and Instructions Overleaf.													
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
1	.86	—	—	—	—	—	—	.50	—	—	.40	—	1
2	.38	—	—	.06	—	—	.42	.83	—	—	—	—	2
3	.26	—	.44	—	—	—	.32	.14	—	.05	—	—	3
4	.19	—	.07	—	—	—	.05	.08	.05	.53	—	—	4
5	.18	—	.89	—	—	—	.30	—	—	.20	—	.05	5
6	.25	—	.14	—	—	.02	.05	—	.35	.19	.14	.36	6
7	.38	—	—	.05	—	—	—	.05	.09	1.02	.97	.18	7
8	.20	—	.22	.73	.20	.27	.05	.57	—	.03	.33	.33	8
9	.10	—	—	—	—	.89	—	.42	.58	.02	.09	.40	9
10	.80	—	.38	—	—	.03	.01	.06	—	.27	.14	.54	10
11	.31	—	.09	.30	—	—	.06	.37	.05	.12	.02	—	11
12	.29	—	—	.31	.29	—	—	.16	—	.60	—	1.04	12
13	.05	—	—	.09	.33	—	.03	.38	.32	.18	.01	.34	13
14	—	<u>.20</u>	—	.04	—	—	.16	.02	—	.40	.33	—	14
15	—	.01	—	.18	—	.04	—	—	.20	—	.71	—	15
16	.10	—	.40	—	.02	—	.30	—	—	.43	—	.10	16
17	.35	—	.05	—	1.20	—	.14	.57	1.80	.50	.01	.05	17
18	.20	—	—	—	.20	—	—	.65	.12	.02	.37	.07	18
19	.25	—	—	—	.30	.37	—	.69	.43	.00	.25	.13	19
20	.16	—	.19	—	.02	.22	.98	.76	.12	.49	.84	.11	20
21	.48	—	.09	—	—	.48	—	1.02	—	.54	.62	.03	21
22	.25	—	—	.17	—	.05	.04	.17	.57	.30	.28	.30	22
23	—	—	—	.32	—	.52	—	.28	.13	.17	.15	.15	23
24	.09	—	.07	.80	—	.20	—	.04	.52	.22	.40	.05	24
25	—	.03	—	.02	—	.04	.06	.50	—	.10	1.00	.58	25
26	.04	—	.03	.01	—	.14	.35	—	—	.07	.09	.70	26
27	—	—	.07	—	—	.13	.23	.07	—	.04	—	.02	27
28	—	—	.18	—	—	.18	.20	.12	—	.20	—	.63	28
29	.10	X	.20	—	—	—	.30	.10	—	.99	—	.03	29
30	.01	X	.36	—	—	—	—	—	—	.21	.02	—	30
31	—	X	.08	X	—	X	—	—	X	.22	X	—	31
TOTAL	6.14	.34	3.95	2.90	2.74	3.54	4.09	8.25	5.13	8.91	6.19	6.90	YEAR'S TOTAL 59.08
* Days with over 1 in. or more.	24	3	18	12	9	14	20	24	13	29	20	23	209
* Days with over .04 in. or more.	23	1	17	10	7	11	18	23	13	26	16	20	185
40-9999	(Signed) <i>Gilmertonchristie</i>											[P.T.O.]	
*See Instruction 2 (f) on other side.													

FORM 1090.

B

Monthly Summary.

* * The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1930

At _____

In the County of _____

Diameter of Funnel _____ in.

Height of Top above Ground _____ ft. _____ in.

Height of Ground above Sea Level _____ ft.

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with		
			or in .04 in.	or more	or more
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
Total					

Signature.....

*See Instruction 2 (f) below.

C

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

ALBERT CHRISTIE, C.E.

CENTRAL OFFICE, WINNING

Hour of observation by the clock in Winter 9 A.M. in Summer 9 A.M.

Nearest Railway Station DALLY Distance _____ Direction from gauge 6 EAST

Nearest Parish Church at DALLY Distance _____ Direction from gauge EAST

Nature of objects nearest to gauge

Heights of objects

Distances ..

Directions from gauge ..

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:-

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not '00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as .01 and those which are mere "traces." An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] .14 would show that the

reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02, or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

Section	A	for the entry of Daily Observations.										5476	
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.												COPY FOR OFFICIAL USE.	
REGISTER OF RAINFALL IN 1931.												5476	
Kept at Kirkcaldy (or where used) in the County of Fife.												400	
Diameter of Funnel of Gauge 5 in.												1 JAN 1932	
Height of top of Gauge above Ground 1 ft. 0 in.												2 JAN 1932	
Ground .. Sea Level 66 ft.												3 JAN 1932	
THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.												4 JAN 1932	
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.												Jan. 1, following	
Please read the Notes and Instructions Overleaf.													5 JAN 1932
Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
1	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	1
2	—	·01	—	·18	—	·10	·04	—	·50	·04	·01	·01	2
3	—	·01	·03	—	—	·05	·10	—	—	·02	·95	·15	3
4	·03	·08	—	·02	—	—	·04	—	—	·10	—	·01	4
5	—	·25	—	—	·28	·03	·09	—	—	·05	·03	·06	5
6	—	·14	·04	—	·03	·68	·31	·15	—	·08	·04	—	6
7	—	·05	·04	—	·14	trace	·34	·11	—	·03	·22	·09	7
8	—	·13	·06	—	·05	·18	·16	·03	—	·02	·06	—	8
9	·03	·09	·10	—	·22	·12	1.11	·15	—	·05	·14	—	9
10	·03	·04	·01	—	·06	·13	·09	trace	—	trace	·04	slight trace	10
11	trace	·24	—	·02	—	—	·66	—	·20	—	—	—	11
12	—	·01	·19	·04	—	—	·02	·02	—	·02	—	—	12
13	trace	—	·35	—	·03	·54	·01	trace	—	—	·08	·01	13
14	—	·05	·01	—	·10	1.45	·19	·06	—	—	·94	·03	14
15	·02	·02	—	·04	trace	·19	—	·04	·03	—	·02	—	15
16	—	·04	—	·04	—	·08	—	—	·24	—	—	—	16
17	·11	·09	—	·06	—	·08	·05	·11	—	·01	·61	—	17
18	—	—	—	—	—	·14	·01	—	·03	—	·24	·06	18
19	·34	·02	·05	—	—	·01	·41	1.09	·02	—	·01	trace	19
20	·08	·30	trace	—	—	—	·01	·43	—	—	·12	·03	20
21	—	·02	·05	—	—	·01	·09	·02	—	—	—	—	21
22	·18	·01	·04	·32	·02	·01	·06	·02	—	trace	·02	·12	22
23	·05	·03	·02	·29	—	·09	·01	·06	—	·30	1.40	·08	23
24	·04	·03	—	·02	·03	—	·25	trace	—	trace	·08	—	24
25	—	·02	—	·24	·20	—	·26	—	—	—	·11	—	25
26	—	—	—	·10	—	—	·63	—	—	·01	·48	—	26
27	·21	trace	·03	·30	·02	—	trace	—	—	·30	·20	·03	27
28	·33	·12	—	·02	1.20	—	·02	—	—	trace	·13	·02	28
29	·26	X	·09	—	trace	—	·20	—	·04	·14	·03	·01	29
30	·02	X	trace	—	·30	—	—	—	·14	trace	·01	—	30
31	·25	X	—	X	·53	X	2	—	X	trace	X	·20	31
TOTAL	2.04	1.83	1.18	1.98	3.24	4.84	5.42	2.29	1.42	1.32	6.08	1.03	YEAR TOTAL 33.80
* Days with ·01 in. or more.	15	23	16	15	15	18	25	13	9	15	25	16	205
* Days with ·04 in. or more.	10	13	11	11	10	14	19	9	6	9	14	9	138

40-9999

*See Instruction 2 (f) on other side.

(Signed) Francis T. Grand / [P.T.O.]

FORM 1090.

B

Monthly Summary.

* * The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931.

At Kirkcaldy
In the County of Fife

Diameter of Funnel in.
Rain Gauge
Height of Top above Ground ft. in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with rain in .04 in. or more or more	
			Inches.	Inches.
JAN.				
FEB.				
MAR.				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
Total				

Signature.....

*See Instruction 2 (f) below.

C

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge

Heights of objects

Distances ..

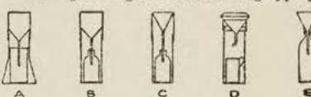
Directions from gauge ..

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D

INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not '00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as '01 and those which are mere "traces." An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | } .14 | would show that the

reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02, or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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5598

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091. **REGISTER OF RAINFALL IN 1931.**

Kept at *Arbreathe (W. Cormelton)*
in the County of *Angus.*

Diameter of Funnel of Gauge *5* in.
Height of top of Gauge above Ground *1* ft. *—* in.
,, Ground *93* ft. Sea Level *93* ft.

UNITED KINGDOM METEOROLOGICAL OFFICE,
EDINBURGH.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
1	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	1
2	—	0.6	1.6	trace	—	1.0	1.8	—	8.6	6.9	—	0.6	2
3	—	1.4	1.0	14.8	—	2.5	—	—	3.5	1.9	3.2	5.0	3
4	trace	1.0	—	—	0.2	2.0	1.4	trace	—	—	12.6	0.5	4
5	—	2.6	0.1	0.1	—	—	0.2	trace	—	0.1	—	—	5
6	—	9.0	—	—	4.0	—	0.3	—	0.1	trace	0.2	0.2	6
7	—	3.9	0.9	—	—	14.8	14.2	—	1.0	0.8	3.4	—	7
8	—	0.8	8.1	trace	6.2	—	1.8	4.3	trace	trace	3.8	0.1	8
9	0.2	0.5	0.3	trace	—	6.3	1.9	0.3	0.1	—	2.4	—	9
10	0.2	0.5	2.4	—	5.0	14.0	—	1.1	—	—	4.8	0.1	10
11	0.1	—	2.3	0.3	0.6	3.8	0.2	—	—	—	1.4	—	11
12	—	2.5	—	—	—	—	5.2	trace	4.0	0.1	—	trace	12
13	1.3	—	10.3	trace	—	3.0	0.5	0.9	—	—	—	—	13
14	1.0	—	trace	0.1	2.1	5.2	—	—	—	—	4.9	—	14
15	—	1.4	—	1.5	4.3	44.0	trace	—	—	—	9.2	1.4	15
16	—	—	0.4	—	3.5	—	—	0.9	—	trace	—	—	16
17	3.4	1.8	—	1.6	—	—	—	trace	4.4	trace	—	—	17
18	—	1.1	—	6.5	—	4.9	4.4	4.2	—	trace	4.8	—	18
19	6.8	—	—	0.1	—	—	0.8	2.8	2.3	—	15.7	2.9	19
20	—	3.4	—	—	—	—	11.3	20.6	—	0.2	—	0.4	20
21	—	—	0.3	—	trace	—	—	8.4	—	—	0.9	4.4	21
22	—	2.6	—	0.1	0.4	1.5	—	0.6	1.6	—	1.6	2.6	22
23	—	5.4	—	—	3.5	1.2	—	—	—	8.4	39.8	0.4	23
24	—	—	1.2	—	1.1	5.4	—	1.6	trace	—	—	2.2	24
25	—	—	—	2.4	—	—	3.6	0.6	—	—	4.1	—	25
26	—	—	—	0.3	0.2	—	36.6	—	—	—	8.2	—	26
27	—	1.3	—	2.5	8.9	19.5	—	4.9	—	—	0.6	4.1	27
28	—	13.5	4.4	—	—	—	0.4	—	—	—	0.8	0.4	28
29	—	3.6	1.4	—	—	2.1	1.3	—	—	3.4	1.8	4.5	29
30	—	trace	X	1.1	—	0.2	—	4.4	—	0.3	—	trace	30
31	—	29.3	X	—	X	32.5	X	—	—	X	0.5	X	31
TOTAL	2.94	—	1.27	1.18	1.72	3.28	4.22	4.69	1.78	1.11	1.98	5.16	1.20
*Days with 0.2 mm. or more.	34	X	14	15	14	14	14	13	22	10	48	49	21
*Days with 1.0 mm. or more.	34	X	14	15	14	14	14	13	22	10	48	49	21
(144 w)	40-9999	(Signed) <i>James N. Robertson</i>	P.T.O.										

FORM 1091.

B

Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

NOTE—Records taken in inches should be entered on Form 1090.

At *Arbroath*
In the County of *Angus*
Diameter of Funnel *5* in.
Rain Gauge Height of Top above Ground *1 ft.* in.
Height of Ground above Sea Level *93 ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with		Date.
			0.2 mm.	1.9 mm. or more	
JAN.	44.8	29.3	31	3	12
FEB.	32.3	9.0	5	4	10
MAR.	29.9	10.3	12	4	10
APRIL	43.8	14.5	2	1	9
MAY	83.3	32.5	31	6	10
JUNE	104.1	44.0	14	—	13
JULY	113.9	36.6	26	6	16
AUG.	45.1	20.6	19	3	4
SEPT.	28.2	8.6	1	4	6
OCT.	24.8	8.4	23	6	5
NOV.	130.9	39.8	23	3	18
DEC.	30.6	5.1	30	8	4
Total	744.4		53	12	3

Signature *James N. Robertson***C**

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:

Name and Address to which any inquiry relating to this register should be sent:

*James N. Robertson
Cemetery Lodge Arborth*

Hour of observation by the clock—in Winter *9 A.M.* in Summer *9 A.M. G.M.T.*

Nearest Railway Station *Arborth* Distance *1 mile* gauge *N*

Nearest Parish Church at *St Margarets* Distance *1 mile* gauge *N*

Nature of objects nearest to gauge

Heights of objects

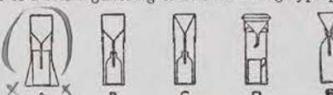
Distances ..

Directions from gauge ..

If gauge has been moved during the year state—

Date of move .. Distance .. Direction .. Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

The measurements are carefully made by myself always and according to instructions in the Observer's Handbook and there need be no difficulty about the figures given on this form

D

INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumshieugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .05; this graduation is to show the limit between the amounts which count as 0.1 and those which are mere "traces." An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | } 3.6 | would show that the

reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.9 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, or 0.9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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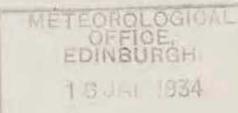
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COPY FOR OFFICIAL USE.
 Section **A** for the entry of Daily Observations.
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1099. REGISTER OF RAINFALL IN 1933.

Kept at **BALLINDALLOCH**
 in the County of **Perth**

Diameter of Funnel of Gauge **8** in.
 Height of top of Gauge above Ground **1** ft. — in.
 " Ground " Sea Level **630** ft.



16 JUN 1934

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf.

Jan. 1, following

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
1	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	1
2	Traces	.31	Snow	Traces	.01	Traces	Traces	Traces	1.10	Traces	.01	.18	Traces
3	.24	.10	.02	.11	"	.01	"	Traces	.34	Traces	.45	.01	2
4	Traces	.15	.07	.02	.02	Traces	"	"	.01	.02	.30	Traces	3
5	.03	.38	.12	.10	.02	"	"	"	Traces	Traces	.01	"	4
6	Traces	.36	Traces	Traces	Traces	"	"	.18	"	"	Traces	.08	5
7	"	.22	.01	.15	"	"	"	Traces	.20	.02	.02	.09	6
8	.11	.04	.01	.21	.01	"	.13	.04	Traces	.22	.09	.02	7
9	Traces	.03	.03	Traces	.10	.04	Traces	.24	"	.22	Traces	Traces	8
10	.24	"	Traces	.03	.02	"	.16	.02	"	.24	.13	"	9
11	Traces	"	"	Traces	.19	Traces	Traces	"	Traces	.10	"	"	10
12	"	.03	"	.06	.52	"	.40	"	.04	.04	"	"	11
13	"	.03	"	.01	Traces	"	.01	.02	.02	.04	.15	.04	12
14	.20	Traces	"	Traces	.26	"	.52	.01	Traces	Traces	.01	.01	13
15	Traces	"	.01	.47	Traces	.20	.16	.02	"	.02	.15	.03	14
16	.14	Snow	"	Traces	.01	"	.23	Traces	.10	"	.14	.18	Traces
17	.03	"	Hailstones	.14	.06	"	.04	"	Traces	.22	.01	.01	"
18	.02	.46	"	.06	.19	Snow	.10	.32	.03	.01	Traces	.23	.01
19	Traces	.12	"	.14	Snow	.04	.06	.26	Traces	Traces	"	.10	Traces
20	"	.15	"	Traces	.02	Traces	.45	.05	.12	.09	Traces	Traces	"
21	"	.20	.08	.02	.31	.04	.14	.43	Traces	.15	.18	"	21
22	"	.09	"	Traces	Traces	Traces	Traces	.16	"	.32	Traces	"	22
23	"	.39	"	"	.18	.57	.14	Traces	.34	.96	.02	"	23
24	"	Traces	"	"	.14	.04	Traces	Traces	.12	.19	.18	.02	24
25	"	.02	Snow	"	Traces	Traces	.01	"	Traces	.24	.59	Traces	.09
26	"	.35	"	"	"	.01	Traces	"	"	.02	.49	"	Traces
27	"	.15	"	"	.03	.01	.03	"	Traces	.65	.03	.02	27
28	"	Traces	"	.20	.03	Traces	.13	"	"	.163	.01	.06	28
29	.04	"	"	.96	Traces	"	.05	"	.02	.78	Traces	.02	29
30	.03	Snow	X	.08	.09	"	"	.47	"	Traces	.16	"	Traces
31	.23	X	.05	X	"	X	.36	.11	X	.34	X	.03	31
TOTAL	1.28	3.96	.79	3.02	1.49	2.40	2.93	1.68	1.74	7.33	2.31	.45	29.38
*Days with " or in or more.	12	21	12	21	.16	14	16	15	13	24	20	13	197
*Days with .04 in or more.	7	17	8	15	8	9	13	10	8	19	12	4	30

40-9999

*See Instruction 2 (f) on other side.

(Signed) *Charles Mackenzie* P.T.O.

FORM 1090.

B

Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At BALLINDALLOCHIn the County of PerthshireDiameter of Funnel in.Height of Top above Ground ft. in.Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with	
			or in. or 04 in. or more	or more
JAN.	Inches	Inches	Date.	*
FEB.				*
MAR.				*
APRIL				*
MAY				*
JUNE				*
JULY				*
AUG.				*
SEPT.				*
OCT.				*
NOV.				*
DEC.				*
Total				

Signature.....

*See Instruction 2 (f) below.

D

INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumshieugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:

- (a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than 0·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

- (c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces." An entry .005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | } -14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.
- (e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.
- (f) The "number of days with '01 in. or more'" includes all the days with any rain except those for which the entry is "trace." The "number of days with '04 in. or more'" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

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COPY FOR OFFICIAL USE.													Station No. 5662
Section	A	for the entry of Daily Observations. AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.											
FORM 1090.	REGISTER OF RAINFALL IN 1933.												
Kept at <u>Fruidie Huntly</u> <u>in the County of Aberdeenshire</u>													
Diameter of Funnel of Gauge	5	in.	Height of top of Gauge above Ground	1	ft.	Sea Level	400	ft.	400				
THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.													
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.													
Please read the Notes and Instructions Overleaf.													
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	.61	.05	.02				.10		.03	.16	.08		1
2	.08	.09	.08	.03		.01			.16	.97	.07		2
3	.12	.14	.69		.01				.08	.02	.36	.01	3
4	.40	.11	.09	tr							.02		4
5	.13	.01	.01	tr			.14		.04	.03	.05		5
6	.12	.02	.15						.11	.02	.03	.05	6
7	.05	.02	.19	.22		.02	.02	.04		.61	.03	.04	7
8	.01		.04	.04				.15		.68	.02		8
9	.18	.02		.03			.14	.04		.09	.32		9
10	.10					.21	.08			.11			10
11	.01	.02		.04	.04		.56	.04		.14			11
12	.01	.04		.03	.14		.09		.08	.10			12
13	.16		.02	.01		.02			.02	.01	.11		13
14	.23			.16			.94	.06	.03	.01	.08	.26	14
15	.04	.04	.38	.01	.23	.06			.04	.21	.02		15
16	.10	.04		.02		.34	.05	.04		.03	.33		16
17	.12	.19	.16	.09		.03		.04	.03		.07		17
18	.01	.30	.06	.06	.16	.13	.01			.48	.02		18
19	.05	.20	.02	.08	.04	.13		.01		.03	.22		19
20	.16		.03	.63	.55	.05				.13	.02		20
21	.25	.02	.02		.16	.23	.23	.01	.25	.01			21
22	.66				.05		.10		.64				22
23	.25				.05		.09	.21	.10	.59	.01		23
24	.05		.08	.04			.03	.12	.14	.16	.01		24
25	.01		.02		.02				.30	.51	.05		25
26	.69				.02	.02			.64	.27	.07		26
27	.96	.03					.51	.01		.55	.21	.22	27
28	.03		.46	.05			.30			.51	.08	.22	28
29	.01			.55			.15		.01	.35		.03	29
30	.03	x		.05			.12	tr		.25			30
31	.03	x	.04	x	x		.60	.20	x	.15	x	.12	31
TOTAL	.99	5.02	1.51	2.49	8.81	1.95	4.86	1.55	1.11	6.21	3.89	1.33	31.66
*Days with or more.	16	25	15	21	14	14	19	18	13	26	22	16	21
*Days with or more.	8	21	8	8	8	9	15	13	8	19	14	11	13

40-9999

*See Instruction 2 (f) on other side.

Spare column, no entries required.

(Signed) P. Jones

[P.T.O.]

FORM 1090.

B

Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At *Crusie Huntly*
In the County of *Aberdeen*
Diameter of Funnel *5* in.
Rain Gauge Height of Top above Ground *1 ft.* in.
Height of Ground above Sea Level *400 ft.*

Month.	Total Depth.		Greatest Fall in 24 hours.		Number of Days with or in. '04 in. or more or more	
	Inches	Inches	Date.			
JAN.	.97	23	14	16	8	
FEB.	5.02	76	27	25	21	
MAR.	1.51	69	3	15	8	
APRIL	2.47	55	29	21	8	
MAY	.81	19	12	14	8	
JUNE	1.95	55	20	14	9	
JULY	4.86	1.09	12	19	5	
AUG.	1.55	23	21	18	13	
SEPT.	1.11	30	25	13	8	
OCT.	6.21	68	8	26	19	
NOV.	3.87	97	2	22	14	
DEC.	1.33	26	14	16	11	
Total	31.66			219	132	

Signature *C. Joss.*

*See Instruction 2 (f) below.

C

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:

Name and Address to which any inquiry relating to this register should be sent:

Hour of observation by the clock—in Winter *9 a.m.* in Summer *8 a.m.*
Nearest Railway Station *Huntly* Distance *5 miles* Direction from *South E.*
Nearest Parish Church at *Dunblane* Distance *1½ miles* Direction from *South S.*

Nature of objects nearest to gauge

Flowers

Heights of objects

182 ft.

Distances ..

28 ft.

Directions from gauge ..

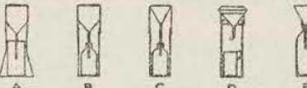
Tall trees

If gauge has been moved during the year state—

Date of move .. Distance .. Direction ..

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

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- (b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not 0 0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (C) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as .1 and those which are mere "traces." An entry .005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] 14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.
- (e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.
- (f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

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6 FEB 1934

COPY FOR OFFICIAL USE.
 Section **A** for the entry of Daily Observations.

Station No. 5001

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at *Castle Kennedy* Wigtownshire
 in the County of *Wigtown*

Diameter of Funnel of Gauge *8* in.Height of top of Gauge above Ground *1* ft. *—* in.Ground *—* Sea Level *85* ft.

2 JAN 1935

METEOROLOGICAL
OFFICE,
EDINBURGH.**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date	
1	27	03	15		22			33		07	20	35	†	1	
2	14	02						48	26	10	58	19		2	
3	10								43	83	20	32		3	
4	29	30	04					05	11	1'35'		36		4	
5		10	42					18		49		16		5	
6	14	02	32	40	04			43	43			14		6	
7	34	10	33	07	19	04			31		68	56		7	
8		10		48	12			02	35	05	05	1'12		8	
9	33		07	20				30	02	14	03	62		9	
10	30		07	12				16	08	05		22		10	
11	10	02	25					09		03		38		11	
12			43	14						03		20		12	
13	20		35	11	02					17		26		13	
14	05	33	07	05	14	08	08			54		20		14	
15	39	20		78	02	01	26	40	01		10			15	
16	89	37	03	20		01		08	20		03			16	
17	07	08	07	15		39		42	13		80			17	
18	19	10		39	38			18	03		24			18	
19	02	11		38	06	12	33	11	27	11	17			19	
20	01		15	17	05	09	60	01	05		09			20	
21	05	01	19	06	02	76	33	06	80	10	04	13		21	
22	18		23	02		10		02	84			09		22	
23	02		02	40		05	03	15	14	04	04	15		23	
24		21	12	03	24	03	07		16	1'03	03			24	
25	13		04				15		79	62	05	1'04		25	
26	10		02			05	14	16	04	04		16		26	
27						23	21	25	17	16		64		27	
28								11	32	18	48			28	
29								12	05	08	06	82	45		29
30	32	X						04	27	05	11	07	08		30
31	X	X	X	X	X	X	17	X	17	X	34				31
TOTAL	489	63	3'00	2'33	14'34	2'35	2'09	4'43	6'26	7'32	2'11	9'87	49'62	✓	
* Days with .01 in. or more.	22	10	17	16	16	14	17	20	24	28	14	30	228	✓	
* Days with .04 in. or more.	20	4	15	13	15	12	13	18	22	24	11	29	197	✓	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed)

Robert W. Rye.

[P.T.O.]

FORM 1090.

B

Monthly Summary.

* * The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Castle Kennedy
In the County of Wigtown
Diameter of Funnel 8 in.
Rain Gauge
Height of Top above Ground 1 ft — in.
Height of Ground above Sea Level 85 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with .01 in or more or more
JAN.	Inches	Inches	Date * * *
FEB.			
MAR.			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
Total			

Signature.....

*See Instruction 2 (f) below.

D

INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:

- (a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
 - (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
 - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation) such as

snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

- (c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as .01 and those which are mere "traces." An entry .005 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 18 | } -14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.
- (e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.
- (f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.
- 3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

C

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Robert W. Rye.

Castle Kennedy Stranraer

Hour of observation by the clock—in Winter 9 AM in Summer 9 AM

Nearest Railway Station Castle Kennedy Distance 1 mile gauge South

Nearest Parish Church at Inch Distance 1½ miles gauge S.W.

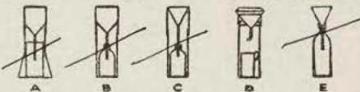
Nature of objects nearest to gauge	House	House	Wood	Trees
Height of objects	40 ft	20 ft	50 ft	50 ft
Distances ..	25 yds	80 yds	120 yds	80 yds
Directions from gauge ..	S.	N	E.	W

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

COPY FOR OFFICIAL USE.													
Section	A	for the entry of Daily Observations. AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.											
Station No. 5177													
REGISTER OF RAINFALL IN 1934.													
Kept at <u>Glasgow University</u> in the County of <u>Dunbartonshire</u>													
METEOROLOGICAL OFFICE, EDINBURGH.													
5 JAN 1935													
Diameter of Funnel of Gauge 8 in. Height of top of Gauge above Ground 1 ft. 1 in. ,, Ground,, Sea Level 85 ft. a.s.l.													
THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.													
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.													
Jan. 1, following													
Please read the Notes and Instructions Overleaf.													
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†
1	4.9	2	6.4	2	0.7	—	2	27.0	1.6	2	—	4.4	1
2	0.2	2	1.5	—	2	—	—	1.7	5.3	2	4.5	3.2	2
3	8.4	—	4.3	2	2	—	—	2	9.1	11.2	5.2	6.0	3
4	8.9	2	3.9	0.3	2	—	—	2.1	5.7	6.5	—	3.1	4
5	0.8	2	11.1	2	2.5	2	—	0.1	2	3.4	—	2	5
6	5.7	0.3	1.0	1.2	4.9	0.5	—	4.1	12.1	7.7	—	1.1	6
7	6.5	2	2.6	7.4	0.1	2.9	—	2	1.8	0.8	—	2.4	7
8	3.0	0.8	3.2	0.6	4.1	1.4	—	0.8	1.1	3.8	—	17.4	8
9	15.6	0.3	0.1	1.4	2	—	—	6.4	2	2.2	2	8.9	9
10	2.3	2	0.7	4.4	2	—	—	1.0	0.9	2	3.6	0.5	10
11	6.4	2	6.9	10.3	3.6	—	—	0.9	—	3.1	—	1.1	11
12	6.3	2	1.4	22.4	0.1	—	9.2	2	—	1.4	0.7	0.8	12
13	4.6	—	—	0.8	1.5	0.7	1.1	—	—	3.6	0.4	1.4	13
14	1.7	2	4.4	2.2	0.2	4.2	2.9	1.4	—	6.4	0.1	0.9	14
15	2.3	2	2.5	1.2	11.2	1.0	4.9	2.7	11.5	0.1	0.4	0.3	15
16	11.6	2	5.2	2	1.0	2	0.3	2	0.4	2	0.2	0.6	16
17	5.7	—	1.5	2.1	1.8	2	7.7	2	2.7	0.2	0.1	8.4	17
18	0.8	2	2	0.4	9.5	3.1	1.0	1.5	1.5	2	2	2.5	18
19	2	0.1	—	0.3	5.9	2	2.5	6.3	1.3	6.0	0.2	1.5	19
20	0.9	2	—	1.4	5.4	0.3	2.6	18.2	1.3	1.1	0.4	0.2	20
21	0.1	0.5	1.4	0.7	0.1	12.5	7.8	12.0	8.1	2.9	0.4	0.2	21
22	1.6	2	—	1.4	—	21.2	—	1.4	7.8	1.3	2	—	22
23	0.1	2	0.2	4.2	0.9	—	1.0	2	3.8	2.6	2	3.7	23
24	2	—	—	1.0	1.3	2	0.9	—	1.6	16.6	—	—	24
25	2.3	0.1	1.5	2.4	2	—	1.8	—	11.9	16.5	6.4	5.4	25
26	3.9	—	0.1	4.9	2	0.9	0.9	—	8.7	9.7	0.2	10.6	26
27	—	—	—	—	—	0.5	1.7	1.8	4.1	4.0	2	4.0	27
28	—	2	—	—	—	0.5	2.0	16.2	3.0	1.2	0.3	1.4	28
29	0.2	X	2	—	—	2	5.8	1.3	2	15.2	2	2.0	29
30	1.9	X	0.3	—	—	—	1.4	0.8	4.8	0.2	0.2	11.2	30
31	0.1	X	—	X	—	X	0.6	0.6	X	—	X	8.6	31
TOTAL	11.30	36	2.87	2.80	2.16	1.90	2.77	11.27	11.32	3.03	.92	4.80	Year's Total 889.8
* Days with 0.2 mm. or more.	245	54	819	621	815	613	819	420	223	324	1614	728	56225
* Days with 1.0 mm. or more.	19	1	16	15	12	7	15	16	21	21	4	21	168

FORM 1091.

B

Monthly Summary.

* * The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At *Glasgow University*
In the County of *Lanark*

Diameter of Funnel *8* in.
Rain Gauge Height of Top above Ground *1 ft.* ✓ in.
Height of Ground above Sea Level *85 ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with 0·2 mm., 1·0 mm. or more or more	
			*	*
JAN.	109.8	15.6	9 ^a	5 19
FEB.	9.2	7.1	7 ^a	4 1
MAR.	60.2	11.1	5 ^a	3 16
APRIL	71.0	22.4	12 ^a	6 15
MAY	54.8	11.2	15 ^a	3 12
JUNE	197	21.2	22 ^a	6 7
JULY	55.1	9.2	12 ^a	3 15
AUG.	108.3	27.0	14	4 16
SEPT.	109.6	12.1	6 ^a	2 21
OCT.	127.7	16.6	24 ^a	3 21
NOV.	23.3	6.4	25 ^a	10 4
DEC.	111.7	17.4	8 ^a	7 21
Total	889.8		56	168

Signature *W. E. Clegg & T. Newson*

C

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

*Institute of Hygiene
The University, Glasgow.*

Hour of observation by the clock—in Winter *9 a.m.* in Summer *10 a.m.*

Nearest Railway Station *Botanic Garden* Distance *1 mile* gauge *N.W.*

Nearest Parish Church at *Polymer Road* Distance *approx. 500 yds* gauge *N.E.W.*

Nature of objects nearest to gauge	<i>3 feet standard trees</i>	<i>Botany Dept Building</i>	<i>nat Philately Building</i>	<i>Tenement House</i>
------------------------------------	------------------------------	-----------------------------	-------------------------------	-----------------------

Height of objects	<i>13 ft approx</i>	<i>30 ft approx</i>	<i>30 ft approx</i>	<i>50 ft approx</i>
-------------------	---------------------	---------------------	---------------------	---------------------

Distances ...	<i>28 ft approx</i>	<i>60 ft approx</i>	<i>100 yds approx</i>	<i>200 yds approx</i>
---------------	---------------------	---------------------	-----------------------	-----------------------

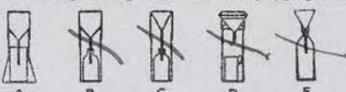
Directions from gauge ...	<i>W</i>	<i>S</i>	<i>E</i>	<i>N</i>
---------------------------	----------	----------	----------	----------

If gauge has been moved during the year state—

Date of move *✓* Distance *✓* Direction *✓*

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:— *✓*

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

*No exceptional rainfall to report.
we have no self recording
Rain gauge*

D

INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—

(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd, 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as

snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .05; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces." An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] 3·6 [] would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0·2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0·1 mm. The "number of days with 1·0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0·1, 0·2, 0·3, 0·4, 0·5, 0·6, 0·7, 0·8, or 0·9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(583) Wt.242/190 1000 5/34. Gp.119/111.

COPY FOR OFFICIAL USE.														
Section	A	for the entry of Daily Observations.												
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.														
FORM 1030. REGISTER OF RAINFALL IN 1935.														
Kept at ... MANSFIELD ... in the County of ... Rutland ...														
Diameter of Funnel of Gauge..... 5 .. in.														
Height of top of Gauge above Ground..... 1 ft. 5 in.														
" Ground " Sea Level 573 ft.														
THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.														
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.														
Please read the Notes and Instructions Overleaf.														
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date	
1	0.21	1.26	—	—	—	—	—	—	0.91	0.01	0.10	0.25	1	
2	0.02	0.12	0.25	—	—	0.16	0.01	—	0.33	2.12	0.12	0.01	2	
3	—	0.18	0.37	0.01	—	0.26	0.39	0.01	0.05	0.40	0.51	0.02	3	
4	—	0.06	0.25	—	—	0.14	0.20	0.16	—	—	—	0.01	4	
5	—	0.10	0.03	0.01	—	0.03	—	—	—	—	0.23	0.06	5	
6	0.01	—	—	—	—	0.50	—	—	—	0.04	0.19	0.01	6	
7	—	—	—	0.30	—	0.46	—	—	—	1.23	0.01	0.40	7	
8	0.16	—	—	0.13	—	—	—	—	—	0.61	—	0.39	8	
9	0.29	—	—	1.31	—	0.16	0.10	—	—	0.42	0.21	—	9	
10	0.20	0.23	—	0.63	—	0.82	—	0.12	0.06	0.12	—	—	10	
11	0.50	0.36	—	0.33	0.01	0.63	—	—	—	0.15	0.61	0.01	11	
12	—	0.32	—	—	—	0.12	—	—	0.35	0.40	0.10	0.10	12	
13	0.30	0.18	—	0.14	0.15	0.06	0.01	0.02	0.25	0.50	0.33	0.01	13	
14	—	0.07	—	0.01	—	0.01	—	—	0.94	0.24	0.10	0.97	14	
15	—	1.21	—	0.23	0.10	—	—	0.23	0.00	0.51	0.55	0.31	15	
16	—	0.49	—	0.36	0.36	0.01	0.13	0.19	0.82	0.40	0.23	—	16	
17	—	0.38	—	0.08	—	0.02	0.02	0.10	0.15	0.22	0.56	—	17	
18	—	1.13	—	—	0.10	—	0.34	—	0.03	1.15	—	—	18	
19	—	1.2	0.13	0.31	0.04	0.11	0.54	—	0.52	0.05	0.28	—	19	
20	—	0.05	—	0.42	—	0.06	0.01	—	0.12	0.01	—	—	20	
21	—	0.23	0.29	0.06	—	—	0.05	0.11	0.06	0.13	—	0.04	21	
22	0.01	0.05	0.21	0.04	0.02	—	—	—	0.01	0.08	—	—	22	
23	0.31	—	0.07	0.01	—	0.20	0.10	—	—	0.54	—	—	23	
24	0.31	0.31	0.45	—	—	0.11	—	—	—	—	0.01	0.36	24	
25	0.04	—	0.15	—	—	0.06	0.01	0.62	—	0.09	0.98	0.49	25	
26	—	0.16	0.01	—	—	0.17	0.76	—	0.13	0.70	0.21	0.38	26	
27	—	0.33	—	—	—	0.13	0.35	—	0.37	0.85	0.59	0.08	27	
28	0.01	0.30	0.01	—	—	—	0.02	0.40	0.27	0.45	0.20	0.05	28	
29	0.01	0.35	—	—	—	—	—	0.01	0.51	0.39	0.65	0.31	29	
30	0.06	0.14	—	—	—	—	—	0.07	0.63	0.65	0.57	0.28	30	
31	0.68	0.01	0.01	—	—	0.18	—	—	0.13	0.39	—	0.39	31	
TOTAL	3.12	8.70	2.12	4.68	0.18	4.61	3.07	2.71	9.21	13.49	6.84	4.76	Year's Total 64.69	
* Days with .01 in. or more.	16	22	15	17	7	21	16	12	20	28	22	218	✓	
* Days with .04 in. or more.	11	22	11	13	5	18	11	10	19	26	20	17	183	✓

40-9999.

* See Instruction 2 (b) on other side.

† Spare column, no entries required.

(Signed) *James Thomas Alcock, F.R.O.*

FORM 1090.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193...

At

In the County of

Rain Gauge	Diameter of Funnel.....in.
	Height of Top above Ground.....ft.....in.
	Height of Ground above Sea Level.....ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in. or more or more			
			Inches	Inches	Date	*
JAN.						
FEB.						
MAR.						
APRIL						
MAY						
JUNE						
JULY						
AUG.						
SEPT.						
OCT.						
NOV.						
DEC.						
TOTAL						

Signature *[Signature]*

*See Instruction 2 (f) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

*James Macduffie M.A. F.R.S. W.M. Hobbs & Sons Ltd.
Municipal Buildings GREENOCK.*

Hour of observation by the clock—in Winter *9 A.M.* in Summer *10 A.M.*Nearest Railway Station *KILMARNOCK* Distancegauge.....

Nearest Parish Church at Distancegauge.....

Nature of objects nearest to gauge

Height of objects

Distances ...

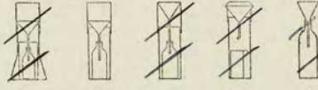
Directions from gauge ...

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as .01 and those which are mere "traces." An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $17 \frac{1}{2} \text{ to } 18$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.
2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic type*:—
- (a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as

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COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.Station No. 5707

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 1937.Kept at Inverness (Culduthel Res.)
in the County of InvernessDiameter of Funnel of Gauge.....5 in.Height of top of Gauge above Ground.....1 ft.....in." Ground " Sea Level212 ft.**THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
37	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†	
1	8.5	6	3.0	-	-	1.0	6	6	2.6	7.2	6	3.0		1
2	6.2	3.0	7.0	6	-	0.7	8.2	6	3.2	6.6	-	-		2
3	10.7	0.4	1.8	0.5	2.2	4.0	1.3	6	0.6	6	-	-		3
4	4.9	0.2	1.0	-	1.4	0.7	-	3.2	3.7	6	-	1.1		4
5	2.8	1.0	.	-	1.3	3.5	0.5	0.7	-	-	6	-		5
6	9.5	0.7	6	1.0	3.4	7.0	4.0	-	-	-	-	6		6
7	2.2	6	-	0.4	0.2	-	1.0	6	6.9	-	0.3	6		7
8	6.8	-	6	2.2	6	-	-	-	0.8	-	0.7	-		8
9	8.0	3.0	-	-	-	17.2	7.0	-	-	-	-	-		9
10	-	2.8	-	6	-	6	-	-	-	-	6	2.0		10
11	-	6	1.2	-	-	6	-	-	0.8	6	0.9	6		11
12	12.0	3.7	-	-	-	0.9	-	5.0	-	1.2	-	-		12
13	6	1.0	0.8	-	-	18.0	1.5	84.0	6	0.3	-	2.0		13
14	-	3.5	6	-	-	-	7.8	17.5	6	1.0	1.2	-		14
15	0.2	1.0	6	-	-	-	-	6	1.0	-	6	4.0		15
16	-	6	2.8	0.3	-	6	-	7.0	-	-	-	1.0		16
17	7.0	-	0.7	0.7	6	6	-	6	-	-	-	-		17
18	1.5	9.0	1.0	2.2	-	2.2	5.3	5.3	2.0	-	6	-		18
19	-	2.2	4.0	0.3	-	1.5	6	6	3.5	1.1	5.0	-		19
20	1.0	9.1	2.8	3.0	6	2	8.5	-	6	-	-	-		20
21	1.2	1.2	1.5	6	21.1	-	1.8	-	-	7.1	-	-		21
22	6.8	0.5	8.8	6	6	2.0	1.5	-	-	1.0	-	6		22
23	-	-	2.2	0.2	-	-	3.2	2.3	-	-	0.8	3.0		23
24	5.0	-	1.2	-	-	6	1.5	0.7	-	-	0.9	4.0		24
25	5.4	-	6	-	-	6	-	6	-	8.0	1.5	-		25
26	6	6.3	-	0.5	2.3	6	6	-	-	12.2	-	-		26
27	-	0.5	1.0	-	-	6	1.3	-	1.5	-	-	4.5		27
28	6	3.5	-	-	-	1.0	-	9.7	-	2.7	1.0	-		28
29	-	X	-	-	6	6	-	-	0.4	3.8	6	-		29
30	6	6	-	-	6	0.6	-	-	9.2	4.0	1.0	-		30
31	0.13	6	6	6	6	-	2.5	6	-	6	6	✓		31
99	3.59	2.34	1.61	5.32	5.77	2.57	7.52	2.88	5.67	1.62	2.17	5.7	97.24.21	
TOTAL	91.2	59.4	40.8	8.1	31.7	38.6	65.5	143.9	41.2	55.0	145.24.6	61.15	✓ ✓	
Days with 0.2 mm. or more.	18.	20.	16.	9.	8.	12.	16.	12.	14.	12.	11.	9.	1.57	✓ ✓
Days with 1.0 mm. or more.	16.	15.	14.	2.	7.	9.	14.	10.	10.	11.	6.	9.	12.3	✓ ✓

(Min) * See Instruction 2 (f) on other side.
40-9999. 141 104 73 19 68 80+ Spare columns required except year's total.

(Signed)

36

[P.T.O.]

400

FORM 1091.

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Waterworks Oldtown
In the County of Inverness

Rain Gauge
Diameter of Funnel..... 5 in.
Height of Top above Ground..... 1 ft. - in.
Height of Ground above Sea Level..... 242 ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.2 mm. or more or more
JAN.	Millimetres	Millimetres	Date
FEB.			*
MAR.			*
APRIL			*
MAY			*
JUNE			*
JULY			*
AUG.			*
SEPT.			*
OCT.			*
NOV.			*
DEC.			*
TOTAL			

Signature

*See Instruction 2 (f) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

water works Oldtown
Inverness

Hour of observation by the clock—in Winter..... 9 am. in Summer..... 10 am.

Nearest Railway Station..... Inverness Distance..... 3 miles Direction from..... N.

Nearest Parish Church at..... Inverness Distance..... 3 miles Direction from..... N.

Nature of objects nearest to gauge House

Height of objects 12' to eaves

Distances ... 50 yards

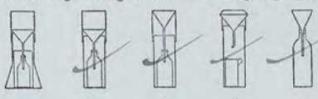
Directions from gauge S.E.

If gauge has been moved during the year state —

Date of move. Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .05; this graduation is to show the limit between the amounts which count as 0.1 and those which are mere "traces." An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | } 3.6 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, or 0.9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE

Section **A** for the entry of Daily ObservationsStation No. **5575.5**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936

Kept at **TORFAR (Year on Sheet)**in the County of **ANGUS**Diameter of Funnel of Gauge.....**5"** in.Height of top of Gauge above Ground.....**1 ft. 6 in.**" Ground " Sea Level**226.44 ft.****THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	19		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	1
2	08			02		06	01	05	49	02	03			2
3	02			04		02			52		07			3
4	14		17	04		01			05		17			4
5	76	04	05	14				07						5
6	69	05		04		04		36		19				6
7	10	06						10		64	03			7
8	14	07	28			01	51	22		04				8
9	96	12							06					9
10									03	07	02			10
11	06			08		06	54	54	71	03	09			11
12	03				21	26	15	05		04				12
13				05			07	03		21	01	26		13
14	25					02	22	09	06		11			14
15		05		30	09	04	19			29	24			15
16	03	02				10			13	39	33			16
17	33	39		34	07	63			03	09	44			17
18	54	02		04		07			03		25			18
19	23					67			02					19
20	67	03	11			07				01				20
21		54	08			40					22			21
22	09	14	09		08	07								22
23	126	06	06	03		83			03					23
24	14	20	04			10		07	38					24
25	72	07	07	07	05		08			02	02			25
26	03	09				08		02	42					26
27	19	03						05	04		07			27
28	04	34	31			07		07	01	05				28
29		63				23			07					29
30	02	02	02	10	14	21				04				30
31		02	02	02				01		27				31
TOTAL	532	407	241	26	138	120	978	145	294	147	190	254	Years Total 2972 ✓	
* Days with .01 in. or more.	180	416	520	26	711	814	520	29	314	714	312	618	455	174 ✓
* Days with .04 in. or more.	16	12	15	4	10	9	17	7	11	7	9	12	129	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) William Welsh [P.T.O.]

FORM 1090.



Monthly Summary.



Particulars of Station.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

William Welsh

57 Yeaman Street-Tiefar ANGUS

Hour of observation by the clock—in Winter..... 9 a.m. in Summer..... 9 a.m.

Nearest Railway Station..... Tiefar Distance..... 2 miles gauge..... 0' N

Nearest Parish Church at..... Old Monkton Distance..... 1/2 mile gauge..... 0' N

Nature of objects nearest to gauge Downhill houses J H W H H Wall

Height of objects 20' 0" 6' 6" 20' 0" 5' 6"

Distances 30' 0" 5' 0" 40' 0" 36' 0"

Directions from gauge E N S. W

RAINFALL IN 1936

At FORFAR

In the County of Tayside, ANGUS

Rain Gauge Diameter of Funnel..... 5" in.
Height of Top above Ground..... 1 ft. 6 in.
Height of Ground above Sea Level..... 226.9 ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with Rain or more		
			Inches	Date	*
JAN.	5' 32	9.6	9	4	16
FEB.	9' 07	1' 26	23	4	12
MAR.	2' 41	1' 63	29	3	15
APRIL	2' 26	1' 08	11	2	7
MAY	1' 38	1' 34	17	1	10
JUNE	1' 20	1' 26	12	5	9
JULY	4' 78	1' 83	23	3	17
AUG.	1' 45	1' 54	11	2	7
SEPT.	2' 94	1' 71	11	8	11
OCT.	1' 47	1' 92	26	2	7
NOV.	1' 90	1' 64	7	3	9
DEC.	2' 54	1' 44	17	6	12
TOTAL	29' 72		45	129	

Total 174 days

Signature William Welsh

* See Instruction 3 (f) below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | | 14 | would show that the reading on the

morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 1046/3030. 26,000. 4/36. W. H. & S. 668/91.



4 JAN 1937

COPY FOR OFFICIAL USE
 Section **A** for the entry of Daily Observations
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
 FORM 1091.

Station No. **5822****REGISTER OF RAINFALL IN 1938**

Kept at **Deerness**
 in the County of **Orkney**
 Diameter of Funnel of Gauge.....**5** in.
 Height of top of Gauge above Ground.....**1** ft. **0** in.
 .. Ground .. Sea Level**14.0** ft. ✓

400 March cond. for arith -
150 Sept. cond. by Fin. 3202.
T.L.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	0.8	7.1	1.1	8.3	-	Trace	0.9	-	Trace	-	11.9	9.1	†	1
2	0.7	5.4	2.3	4.5	-	8.4	0.4	-	2.2	3.6	16.7	5.0		2
3	1.0	16.8	0.7	2.7	-	0.4	3.0	-	1.1	6.4	8.0	Trace		3
4	1.7	5.8	-	5.7	-	1.0	0.6	-	0.6	9.2	3.2	0.4		4
5	1.6	4.4	1.3	1.2	0.3	0.4	Trace	-	5.0	1.6	26.3	-		5
6	3.8	0.3	0.2	1.1	3.0	6.7	0.3	0.3	1.9	8.3	1.3	2.8		6
7	11.2	0.9	-	Trace	1.1	0.3	8.4	-	Trace	2.2	0.5	2.4		7
8	4.0	2.9	0.5	-	12.2	2.0	11.1	-	0.2	8.0	0.2	0.3		8
9	2.8	7.9	0.4	-	1.2	1.7	3.5	Trace	-	10.4	1.3	3.5		9
10	2.4	1.0	3.9	-	0.3	1.9	1.0	-	6.7	4.8	1.9	0.4		10
11	1.0	4.7	0.2	-	5.2	Trace	0.7	-	3.8	2.8	0.9	2.5		11
12	10.2	1.7	Trace	-	3.1	Trace	-	0.2	2.3	4.4	1.8	-		12
13	3.9	Trace	-	-	3.6	-	0.3	0.2	5.7	30.7	0.7	1.2		13
14	7.5	-	-	-	3.5	2.3	-	0.3	1.7	6.1	0.5	3.7		14
15	3.4	-	7.1	2.2	Trace	0.4	-	5.8	4.0	3.9	-	1.1		15
16	1.0	0.4	3.1	1.4	-	-	-	2.7	11.9	0.9	4.1	6.7		16
17	0.2	-	-	0.6	0.4	-	2.8	2.5	7.2	6.6	8.2	-		17
18	4.6	-	3.0	2.2	0.2	6.0	3.1	15.5	Trace	0.6	1.9	4.0		18
19	5.4	-	4.2	0.2	0.2	1.2	7.0	10.9	0.4	0.4	Trace	5.1		19
20	1.3	-	2.0	1.2	-	3.9	-	6.1	1.3	-	-	0.9		20
21	0.7	2.2	1.1	0.2	2.3	Trace	-	Trace	Trace	5.9	0.2	Trace		21
22	-	Trace	1.2	Trace	16.1	0.3	-	-	-	1.2	1.2	6.5		22
23	2.2	-	2.7	-	10.1	7.9	-	0.5	-	1.2	19.2	18.6		23
24	2.9	-	9.1	1.0	1.8	10.9	0.2	0.4	-	1.7	1.0	Trace		24
25	2.5	2.5	6.2	3.1	Trace	3.8	1.8	0.8	0.2	6.5	0.4	14.7		25
26	7.1	Trace	1.4	0.6	5.5	12.6	4.3	-	Trace	2.9	1.3	3.2		26
27	12.6	1.3	2.1	0.2	3.9	35.6	4.7	3.3	-	2.1	1.9	1.8		27
28	6.2	3.3	3.9	0.2	3.6	0.8	8.9	2.4	1.9	1.1	-	9.0		28
29	1.0	☒	15.9	-	0.5	0.9	4.6	Trace	-	12.9	1.9	3.7		29
30	17.6	☒	2.0	-	1.4	Trace	4.7	0.3	-	7.6	Trace	1.9		30
31	12.4	☒	2.3	☒	1.9	☒	0.2	10.7	☒	7.1	☒	3.8		31
TOTAL	133.7	71.6	78.9	36.6	80.6	10.9.2	72.5	62.9	58.1	161.1	111.5	112.3	1088.8	✓
* Days with 0.2 mm. or more.	30	17.3	25.5	18.8	23.8	22.3	22.8	17.8	18.4	29.3	25.7	25.5	27.1	✓
* Days with 1.0 mm. or more.	26	14	20	12	17	15	14	9	14	26	18	21	20.6	✓

(14W)

See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) **Wm. J. Macrae** I.P.T.O.
 5.26 2.82 3.07 1.44 3.17 4.30 2.85 2.48 2.29 6.35 4.39 4.42 4.284 ✓

FORM 1091.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193....

At

In the County of

Rain Gauge	Diameter of Funnel.....in.
	Height of Top above Ground.....ft.....in.
	Height of Ground above Sea Level.....ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0·2 mm. 1·0 mm. or more or more		
			Millimetres	Millimetres	Date
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature *W. J. moor*

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

*William Johnston Moor
Selkirkshire, Deerness, Shetland*

Hour of observation by the clock—in Winter..... *9 h* in Summer..... *9 h*

Nearest Railway Station..... Distance..... Direction from..... gauge.....

Nearest Parish Church at..... Distance..... Direction from..... gauge.....

Nature of objects nearest to gauge

Height of objects

Distances ...

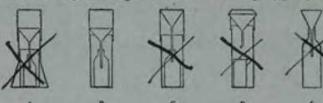
Directions from gauge ...

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall? *Yes*.
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made? *at 9 a.m.*

*on October 13th 30·7 mm.
" Nov. 5th 26·3 ..*

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation,

and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .05; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .05 mark, or between this .05 mark and the .1 mark, are to be entered as .01 even though they may be nearer to the .05 mark than the .01 mark. In this particular case the general rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry .03 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 3·6 | would show that the reading on the

morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0·2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0·1 mm. The "number of days with 1·0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0·1, 0·2, 0·3, 0·4, 0·5, 0·6, 0·7, 0·8, or 0·9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE
 Section **A** for the entry of Daily Observations
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
 FORM 1090

Station No. 5642.5

REGISTER OF RAINFALL IN 1938.

Kept at CRAIGIEBUCKLER.

in the County of ABERDEEN.

Diameter of Funnel of Gauge..... 5... in. ✓

Height of top of Gauge above Ground.... 1.ft.... 0.in✓

Ground " Sea Level ... 220.... ft.✓

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	.03	.03	trs.	—	—	52	.09	—	.23	—	—	—	—	1
2	.03	—	—	.33	—	64	.03	—	.08	.36	—	—	—	2
3	.05	—	—	.09	—	.02	.92	—	.12	.89	.56	—	—	3
4	—	—	—	.01	—	.06	trs.	—	trs.	.18	.08	.20	—	4
5	.04	.08	.05	—	—	.03	.09	.25	trs.	—	.09	—	—	5
6	.07	—	.06	—	—	.03	.17	.25	.03	1.55	.30	—	—	6
7	.04	trs.	—	trs.	.08	—	1.26	.09	—	—	.11	.04	—	7
8	.05	.02	—	—	.02	—	.04	.02	—	.18	.13	—	—	8
9	.25	.09	.03	—	—	.09	trs.	—	—	trs.	.11	.57	—	9
10	—	.28	.03	—	—	.22	—	—	.10	—	—	.11	—	10
11	—	.08	—	—	.06	.02	.09	.02	—	.23	.12	.22	—	11
12	.29	.08	—	—	—	.02	.03	—	—	.05	.19	.14	—	12
13	.15	.10	—	—	—	—	.06	.02	.72	.03	.04	.14	—	13
14	.57	—	—	—	.01	.02	—	—	.09	—	—	.08	—	14
15	.10	—	—	—	1.05	—	—	.10	.10	—	—	.18	—	15
16	.21	.18	—	.04	.20	—	—	trs.	.38	trs.	.09	1.14	—	16
17	—	.03	—	.01	.01	—	.05	.18	.23	—	—	.08	—	17
18	.07	.03	—	.02	.06	.08	.02	.04	—	—	.27	.04	—	18
19	trs.	—	.07	.04	.01	—	.12	.05	.04	.01	—	.18	—	19
20	.01	—	.03	—	—	.01	.08	.03	.12	—	—	.32	—	20
21	—	.01	—	.08	.24	—	—	.37	.02	.15	—	.25	—	21
22	—	.02	.28	.04	.18	—	—	—	—	.05	.09	.14	—	22
23	—	—	—	—	.11	.63	—	—	.04	—	.76	.12	—	23
24	—	—	.06	.01	.09	.04	.20	.05	.03	.48	.05	.05	—	24
25	.01	.05	.03	.03	.15	.07	.49	—	—	.03	.07	.15	—	25
26	.01	—	—	—	.05	.49	—	.01	—	.34	.04	trs.	—	26
27	.04	.06	trs.	.14	.04	.10	.40	.10	.02	.04	.05	.06	—	27
28	.21	.04	—	.01	.20	.19	.05	.05	.12	—	—	.09	—	28
29	.21	X	.01	—	.06	.06	.13	—	trs.	.09	.25	.05	—	29
30	.16	XX	—	—	.03	.30	.12	.03	.34	—	.14	—	—	30
31	.08	XX	—	XX	.38	XX	.05	—	XX	.03	XX	—	—	31
TOTAL	2.68	1.18	0.65	0.85	3.06	3.78	4.57	1.44	4.33	3.14	3.24	4.35	33.57	✓
* Days with .01 in. or more.	22	16	10	13	21	21	21	17	18	17	19	22	217	✓
* Days with .04 in. or more.	17	10	5	7	15	15	18	10	15	13	19	22	166	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) Hugh D. Welsh, for [P.T.O.]

FORM 1090.

B

Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At ... CRAIGIEBUCKLER.....

In the County of ... Aberdeen.....

Rain Gauge
 Diameter of Funnel 5 in.
 Height of Top above Ground. 1 ft. 0 in.
 Height of Ground above Sea Level. 220 ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with	
			.01 in.	.04 in. or more
JAN.	2.68	.57	14	22
FEB.	1.18	.28	10	16
MAR.	0.65	.28	22	10
APRIL	0.85	.33	2	13
MAY	3.06	1.05	15	21
JUNE	3.78	.64	2	21
JULY	4.57	1.26	7	21
AUG.	1.44	.37	21	17
SEPT.	4.33	1.55	6	18
OCT.	3.44	.89	3	17
NOV.	3.24	.76	23	19
DEC.	4.35	1.14	16	22
TOTAL	33.57		217	166

Signature Hugh D. Welsh

* See Instruction 3 (f) below.

C

Particulars of Station.

METEOROLOGICAL
OFFICE,
EDINBURGH.Every observer is requested to fill in this section and also the date
notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

Hugh D. Welsh, Macaulay Institute for Soil Research,
Craigiebuckler, Aberdeen.

Hour of observation by the clock—in Winter... 9 a.m.... in Summer... 10 a.m.

Direction from

Nearest Railway Station Ruthrieston Distance 1 ml. gauge SE.

Direction from

Nearest Parish Church at Craigiebuckler Distance 1 ml. gauge N.

Nature of objects nearest to gauge Wall Wall Hedge

Height of objects 14 ft. 14 ft. 6 ft.

Distances ... 62 ft. 72 ft. 77 ft.

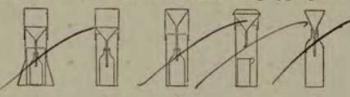
Directions from gauge ... W N E

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | | 14 | would show that the reading on the

morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE														
Section	A	for the entry of Daily Observations AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION												
Station No. 50265 ✓														
FORM 1090 REGISTER OF RAINFALL IN 1940														
Kept at CARRUGHAN in the County of KIRKCUDBRIGHT														
Diameter of Funnel of Gauge.....5.....in.														
Height of top of Gauge above Ground.....1.....ft.....2.....in.														
.....Ground Sea Level73.....ft.														
THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY														
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.														
Please read the Notes and Instructions Overleaf														
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date	
1	-	.01	-	.06	-	-	.4	-	-	-	.3	.16	1	
2	-	-	-	.26	-	-	.10	-	-	-	.71	.18	2	
3	-	.08	-	.09	-	-	.2	-	-	.3	-	.5	3	
4	-	.18	-	-	-	-	.1	.6	.4	.21	.12	.21	4	
5	-	.20	-	-	-	-	.27	.1	-	.51	.39	.81	5	
6	.09	.06	-	.25	-	-	.19	-	.7	.02	-	.3	6	
7	.26	.07	-	.03	.10	-	.9	.10	.4	.13	.7	-	7	
8	-	-	.10	-	-	-	.10	.5	-	.175	.66	.35	8	
9	-	-	.19	.02	-	-	.33	.8	.4	.83	.11	.24	9	
10	-	-	.05	-	-	-	.99	-	-	.1	.24	.10	10	
11	-	-	1.12	.01	-	-	197	-	.28	-	.75	-	11	
12	-	-	.26	-	-	.1	-	.1	.4	-	-	-	12	
13	-	-	.00	-	-	-	.39	.1	.5	-	.1	.30	13	
14	-	-	.13	.21	-	-	.59	-	.2	.2	-	.92	14	
15	-	-	-	.01	.50	-	-	-	-	.11	.23	.24	15	
16	-	-	.26	-	-	-	.21	-	.151	.28	-	.18	16	
17	-	-	.30	-	-	-	.29	.3	.28	.1	.4	.30	17	
18	.01	.01	.13	.04	-	-	.9	.14	.47	-	-	.41	18	
19	.03	.15	.14	.40	-	-	.27	-	.38	.2	.100	.1	19	
20	-	.05	.12	.24	.02	-	.2	.24	.1	.33	.28	-	20	
21	-	-	.17	.34	-	.27	-	-	.9	.2	-	-	21	
22	-	.05	.08	-	.01	.41	-	-	.23	.1	.15	-	22	
23	.24	.14	.17	.29	.11	.7	.9	-	.4	-	.21	-	23	
24	.71	.05	.02	.04	.06	.1	.6	-	.1	-	.1	-	24	
25	.03	-	-	.17	.7	-	-	-	-	-	.2	-	25	
Snow	.20	.28	.01	-	.05	-	.2	.3	-	.1	.9	-	26	
Snow	.47	.16	-	-	.01	-	.40	-	-	.2	.2	-	27	
28	.08	-	.08	.04	.36	-	-	.6	-	.4	-	.5	28	
29	-	-	.28	.02	.72	.10	.7	-	-	.10	-	.16	29	
30	.01	xx	.06	.10	.02	-	-	-	-	.53	-	.40	30	
31	-	xx	.62	xx	xx	-	-	-	xx	+ xx	-	-	31	
TOTAL	213	149	469	245	211	.88	661	82	360	494	514	510	3,996 ✓	
* Days with 0.0 in. or more.	11	14	2	21	2	18	5	12	4	73	23	4	125	✓
* Days with .04 in. or more.	7	12	19	13	4	1	19	17	14	10	1	15	17	14.5

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Alice Clark Maxwell [P.T.O.]

FORM 1090.

B

Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193...

At

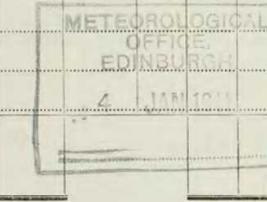
In the County of

Rain Gauge
 Diameter of Funnel.....in.
 Height of Top above Ground.....ft.....in.
 Height of Ground above Sea Level.....ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in. or more	
			.01 in.	.04 in.
JAN.			*	*
FEB.				
MAR.				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
TOTAL				

Signature

* See Instruction 3 (f) below.

**C**

Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

*Mrs Clark Maxwell
Carrucharan, Dumfries*

Hour of observation by the clock—in Winter... 9 a.m....in Summer... 10 a.m....

Direction from

Nearest Railway Station... *Dumfries* Distance ~~about 3 miles~~ gauge... N.E.

Direction from

Nearest Parish Church at... *Troqueer* Distance... ~~2½ miles~~ gauge... N.E.

Nature of objects nearest to gauge *trees* *stable buildings*

Height of objects

Distances ... *W* *E*

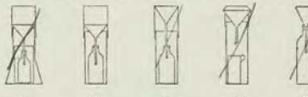
Directions from gauge ... *W*

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

There was a very heavy fall of snow on January 26th & 27th. It was almost impossible to measure this accurately as the gauge was buried in a big drift.

Measurements seem reasonable. S.T.C. 21.1.41

D

INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in I above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:-

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drizzle or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | | 14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE

Section **A.** for the entry of Daily ObservationsStation No. **5831**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1091.

REGISTER OF RAINFALL IN 1949Kept at **Baltasound (Helliarath)**
in the County of **Shetland**August corrected to agree with episode
July 18th " " " "Diameter of Funnel of Gauge.....**5**.....in.Height of top of Gauge above Ground.....**1**.....ft.....in.
" Ground Sea Level**0**.....ft.**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
49	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†	
1	48.1	3.1	12.8	-	0.2	-	0.1	2.3	11.2	2.8	4.2	0.8		1
2	1.3	2.7	0.8	3.0	0.3	0.4	-	5.8	0.2	1.8	5.2	15.0		2
3	5.6	0.2	2.0	6.1	-	-	2.1	7.4	0.1	1.3	6.8	5.3		3
4	2.7	0.1	1.9	3.9	-	0.2	0.1	-	2.1	7.5	8.0	3.8		4
5	4.4	-	9.3	1.4	2.7	0.1	-	1.1	0.4	0.1	0.8	19.7		5
6	1.9	-	4.8	0.1	5.2	6.5	-	-	0.5	0.5	29.9	11.5		6
7	18.6	3.5	3.8	1.6	0.4	0.4	-	1.0	1.4	8.3	8.8	27.9		7
8	1.1	4.2	1.4	0.7	0.2	1.1	-	21.8	5.6	1.0	0.4	1.5		8
9	4.8	14.0	1.7	1.7	0.1	1.0	-	3.9	11.5	0.1	4.0	2.0		9
10	6.0	3.6	0.2	6.5	-	6.1	0.2	2.2	0.6	1.5	3.5	1.1		10
11	5.1	2.7	20.9	5.7	-	1.1	1.3	-	0.5	14.5	0.1	2.0		11
12	9.3	9.9	5.0	3.6	-	5.2	0.5	13.9	-	4.0	9.2	8.5		12
13	4.1	2.7	8.9	6.4	2.6	4.1	0.8	3.8	-	0.9	4.0	3.8		13
14	1.5	4.9	3.5	0.4	4.5	2.7	-	1.5	8.6	0.6	0.3	8.1		14
15	3.2	3.3	1.8	6.8	0.9	0.2	-	3.3	2.6	1.1	-	2.3		15
16	4.6	7.5	0.7	0.8	11.5	-	-	2.8	0.3	0.1	1.2	19.0		16
17	8.4	2.6	6.9	0.1	1.0	-	0.1	-	0.3	0.3	1.1			17
18	15.1	3.8	3.1	3.1	1.3	-	3.6	6.1	-	17.6	3.8	4.0		18
19	4.5	0.4	2.6	4.3	0.2	-	0.3	0.4	-	6.8	4.1	4.5		19
20	0.2	1.8	5.5	4.4	-	-	0.1	0.4	2.0	9.0	4.5	8.0		20
21	1.2	8.8	1.6	3.5	-	-	-	1.0	0.5	9.5	4.3	8.5		21
22	4.6	17.4	1.4	1.7	-	-	-	0.6	0.1	0.8	9.4	1.0		22
23	3.4	9.7	0.2	2.9	5.1	-	1.7	0.1	11.1	14.5	2.5	4.5		23
24	2.5	2.0	0.6	0.7	0.5	-	0.9	0.5	5.2	4.3	0.4	6.1		24
25	1.6	6.6	2.2	1.2	1.6	-	2.0	0.1	0.6	2.4	1.8	8.5		25
26	0.3	3.8	0.2	2.9	1.6	-	0.1	0.8	0.3	7.5	0.5	7.9		26
27	1.2	8.7	0.1	12.1	0.8	0.1	9.8	0.4	4.9	2.1	1.0	2.5		27
28	2.0	2.4	-	5.1	1.4	0.8	1.4	1.6	5.0	3.9	4.5	4.2		28
29	2.5	X	-	0.2	0.1	0.1	4.8	-	0.1	0.5	0.9	0.1		29
30	0.6	X	0.2	2.5	1.4	4.4	1.3	0.2	6.5	0.5	6.8	-		30
31	0.1	X	-	X	1.0	X	15.0	3.9	X	-	X	1.1		31
99	6.1	4.9	4.0	3.6	5.7	137	16.0	3.23	3.23	4.75	4.83	7.57	12.66	
TOTAL	1755	1244	103.7	92.4	114.9	34.8	15.7	82.0	82.0	125.8	122.6	192.3	1226.1	
* Days with 0.2 mm. or more.	30	26	27	27	21	15	15	26	23	27	28	29	293	
* Days with 0.1 mm. or more.	27	23	20	22	13	9	10	15	13	20	21	28	221	

(11W) * See Instruction 3 (f) on other side.

† Spare columns no entries required, except year's total.

(Signed) T: Edmondston Tandy

F.R.F.P. P.B.E.S.P. P.T.O.

FORM 1091.

B

Monthly Summary

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193....

At

In the County of

Rain Gauge	Diameter of Funnel.....	in.
	Height of Top above Ground.....ft.	in.
	Height of Ground above Sea Level.....ft.	ft.

Month	Total Depth Millimetres	Greatest Fall in 24 hours Millimetres	Number of Days with 0·2 mm. 1·0 mm. or more or more	
			Date	*
JAN.				
FEB.				
MAR.				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
TOTAL				

Signature

* See Instruction 3 (f) below.

C

Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter 9. A.M. in Summer 9. A.M.

Direction from gauge.....

Nearest Railway Station..... Distance.....

Direction from gauge.....

Nearest Parish Church at..... Distance.....

Direction from gauge.....

Nature of objects nearest to gauge.....

Height of objects.....

Distances ...

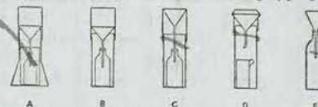
Directions from gauge ...

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

STATIONERY
EDINBURGH
4 FEB 1950

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2; or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than 0·5 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation,

and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .05; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied.

Readings on this .05 mark, or between this .05 mark and the 0·1 mark, are to be entered as 0·1 even though they may be nearer to the .05 mark than the 0·1 mark. In this particular case the general rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [3·6] would show that the reading on the

morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3·6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0·2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0·1 mm. The "number of days with 1·0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0·1, 0·2, 0·3, 0·4, 0·5, 0·6, 0·7, 0·8, or 0·9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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COPY FOR OFFICIAL USE
 Section **A** for the entry of Daily Observations
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Station No. **95439/5**

FORM 1091.

REGISTER OF RAINFALL IN 1941.

Kept at **PORT ELLEN ISLAY**
 in the County of **ARGYLLSHIRE**

Diameter of Funnel of Gauge **5** in.

Height of top of Gauge above Ground **0** ft. **11** in.

" Ground Sea Level **70** ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†	1
2									-	2.3	-	1.3		2
3									-	Trace	-	Trace		3
4									-	-	-	0.6		4
5									-	Trace	6.3	2.7		5
6									-	11.4	3.8	6.0		6
7									0.5	1.3	0.8	2.0		7
8									1.2	Trace	1.2	2.9		8
9									Trace	10.3	13.1	0.8		9
10									3.5	0.5	7.2	2.1		10
11									0.3	-	2.1	3.6		11
12	Readings of rainfall commenced								Trace	0.4	0.7	1.6		12
13	on 7 th September 1941								1.7	6.9	0.1	1.3		13
14									1.4	2.5	4.9	6.6		14
15									0.5	12.6	Trace	6.0		15
16									0.3	4.9	3.7	6.9		16
17									-	14.2	6.2	Trace		17
18									-	2.7	1.0	3.2		18
19									-	8.0	0.3	1.0		19
20									-	2.3	9.8	-		20
21									-	0.1	2.4	1.5		21
22									-	Trace	1.3	0.3		22
23									-	-	14.1	0.6		23
24									0.8	-	3.3	4.6		24
25									1.1	0.3	1.6	Trace		25
26									7.2	2.1	10.3	3.7		26
27									18.4	0.8	8.4	9.7		27
28									7.9	0.7	-	-		28
29									9.1	0.7	Trace	-		29
30	X	X	X	X					2.1	9.4	Trace	-		30
31	X	X	X	X					X	1.0	X	-		31
TOTAL									1.93	4.11	4.10	2.72	Year's Total	
* Days with 0.2 mm. or more.									4.90	10.44	10.41	69.0		
* Days with 1.0 mm. or more.									15	21	22	92		
									10	15	19	18		

(141w)

* See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) *C. Wood* [P.T.O.]

FORM 1091.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19

At

In the County of

Rain Gauge	Diameter of Funnel..... in.
	Height of Top above Ground..... ft..... in.
	Height of Ground above Sea Level..... ft..... in.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.2 mm. or more	0.2 mm. or more
JAN.	Millimetres	Millimetres	Date	*
FEB.				*
MAR.				*
APRIL				*
MAY				*
JUNE				*
JULY				*
AUG.				*
SEPT.				*
OCT.				*
NOV.				*
DEC.				*
TOTAL				

Signature

* See Instruction 3 (f) below.

C

Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Meteorological Office, RAF Station, Bowmore
Isle of Islay

0700 and 1800 GMT.

Hour of observation by the clock in Weather Room.

Nearest Railway Station..... Distance..... Direction from.....

Nearest Parish Church at..... Port-Ellen Distance..... 5 miles..... Direction from.....

Nature of objects nearest to gauge Power house, Operating the Photographic Hot Screen.

Height of objects 10 ft. 15 ft. 12 ft. 5 ft.

Distances ... 40 yds. 30 yds. 50 yds. 11 ft.

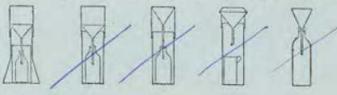
Directions from gauge N.W. S.S.E. E.S.E. E.

If gauge has been moved during the year state —

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., the Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation,

and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .05; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .05 mark, or between this .05 mark and the 0.1 mark, are to be entered as 0.1 even though they may be nearer to the .05 mark than the 0.1 mark. In this particular case the general rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 18 | 3.6 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, or 0.9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Section

A

for the entry of Daily Observations

Station No. 5487

FORM 1090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

REGISTER OF RAINFALL IN 1941Kept at Craanstane Water Works, Pittenweem
in the County of Fife.Diameter of Funnel of Gauge.....5...in.Height of top of Gauge above Ground.....1..ft.....in." Ground " Sea Level1.68....ft.**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	0.20	0.08	0.23	0.04						0.01	0.18			1
2	0.43	0.08	0.03	0.29			0.24				0.26			2
3		0.05	0.40								0.28			3
4		0.20					0.04			0.02				4
5	0.30	0.34	0.03				0.03	0.08		0.10		0.05		5
6	0.25	0.40			0.24	0.11	0.01			0.01		0.29		6
7	0.04	0.08				0.22			0.08					7
8	0.08	0.08					0.01							8
9			0.02				0.05	0.03	1.33					9
10		0.04					0.08		0.33	0.08	0.08			10
11	0.08		0.04				0.13	0.09		0.21				11
12	0.18				0.11	0.12				0.08	0.10			12
13	0.10	0.62			0.24	0.03	0.02	0.21	0.06	0.17	0.80	0.15		13
14	0.24			0.11	0.10	0.24	0.05			0.08	0.16			14
15	0.30		0.25	0.01			0.17	0.20		0.07	0.13			15
16	0.10		0.05				0.04			0.02	0.24			16
17	0.07		0.05				0.36	0.34		0.20				17
18	0.20	0.20	0.20				0.48							18
19	0.30		0.01				0.13	0.02	0.06	0.42	0.10			19
20	0.30	0.17					0.13	0.04		0.10				20
21	0.42	0.50	0.04	0.04		0.20	0.25	0.20			0.30			21
22	0.30	0.06		0.07	0.06	0.48	0.10	0.13			0.03			22
23	0.12				0.52						0.11			23
24	0.26			0.44	0.07						0.16			24
25	0.05		0.17				0.35	0.05	0.07	0.01				25
26	0.21	0.28	0.42		0.22				0.22		0.12			26
27	0.03	0.10	0.10	0.05	0.38			0.16						27
28	0.05	0.04	0.02		0.03		0.03	0.08	0.32	0.01				28
29	0.01		0.02	0.03	0.04		0.07	0.15	0.29	0.14	0.03			29
30		0.00	0.80		0.05	0.15			0.10	0.20	0.10			30
31	0.03	0.04	0.00		0.01	0.01		0.01	0.10	0.10				31
TOTAL	2.29	3.92	2.86	1.92	1.90	0.97	2.94	2.80	1.24	3.20	3.19	0.73	27.96	✓
* Days with .01 in. or more.	15	20	16	16	11	7	19	22	9	16	19	7	177	✓
* Days with .01 in. or more.	11	20	13	13	8	6	15	18	8	11	15	7	145	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) *Charles Birrell* [P.T.O.]

FORM 1090.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 194...

At

In the County of

Rain Gauge | Diameter of Funnel.....in.
Height of Top above Ground.....ft.....in.
Height of Ground above Sea Level.....ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in., .02 in., or more than more than		
	Inches	Inches	Date	*	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature

* See Instruction 3 (f) below.

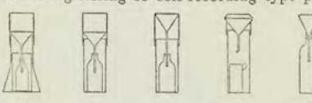
C

INSTRUCTIONS

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

METEOROLOGICAL
OFFICE,
EDINBURGH.

5 JAN 1942

- Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.
- Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.
- In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—
 - Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.
 - 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
 - The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
 - Where there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
 - The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

- on some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.
- If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | .14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.
- The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.
- The "number of days with .01 in., or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in., or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.
- If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- The heaviest daily fall for each month should be underlined.
- The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

COPY FOR OFFICIAL USE
 Section **A** for the entry of Daily Observations
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
 FORM 1090 Station No. **5003 ✓**

REGISTER OF RAINFALL IN 1942Kept at **LOGAN House X**
in the County of **WIGTOWN**Diameter of Funnel of Gauge.....**8** in.
Height of top of Gauge above Ground.....**/** ft.Ground Sea Level**SD** ft.
THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date	
1	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	1	
2	001 062 001	019	=	001	=	002	005	002	=	=	=	=		2	
3	028 090 002	019	=	=	005	057	067	003	=	=	=	=		3	
4	030 011 059	043	=	=	004	001	001	016	=	=	=	=		4	
5	=	004 060	023	=	=	=	=	003	001	003	006	=		5	
6	001 002 030	019	=	=	=	005	020	022	=	002	=	=		6	
7	001	=	037 012	=	005	014	059	065	009	013	008	=		7	
8	003 003	=	026	=	=	038 040	003 015	001	=	=	=	=		8	
9	=	005	=	010	=	=	023	001	016	=	010	=		9	
10	001 005	=	=	007	=	=	012	001	000	=	060	=		10	
11	003 004 006	=	006	001	=	=	=	001	014	054	=	=		11	
12	042 006 004	029	=	001	023	005	=	013	005	013	=	=		12	
13	001	=	007	=	=	014	001	005	=	018	=	001	=	13	
14	005	=	018	=	=	016	009	005	004	015	=	025	=	14	
15	=	=	005	=	042	=	039	017	003	011	002	036	=	15	
16	004	=	036	=	=	=	004	101	010	013	=	051	=	16	
17	023	=	004	=	061	001	=	001	004	022	=	003	=	17	
18	001	=	001	=	001	=	=	021	005	001	=	005	=	18	
19	082	=	010	=	029	=	=	001	006	008	001	023	=	19	
20	004	=	004	=	=	017	=	=	040	007	001	046	=	20	
21	012	=	002	=	004	021	014	030	004	024	=	003	=	21	
22	190	=	001	=	001	=	045	103	011	001	=	001	=	22	
23	048	=	001	006	039	=	066	=	004	020	002	003	=	23	
24	046	034	081	=	034	=	001	091	012	=	001	007	=	24	
25	013	=	=	001	=	031	023	004	173	=	003	=		25	
26	005	=	002	=	006	=	002	001	001	125	=	004	=	26	
27	028	018	001	=	033	002	=	=	002	028	=	006	=	27	
28	003	041	106	002	011	=	030	=	014	003	=	009	=	28	
29	001	020	=	004	=	=	002	005	001	015	001	=		29	
30	082	=	021	=	=	=	=	016	=	042	056	=		30	
31	067	=	023	=	013	=	006	=	=	062	=	062	=	31	
TOTAL	6.92	246	3.87	2.56	2.94	0.59	3.31	4.01	3.66	5.86	0.70	5.44	Year's Total 42.32	✓	
* Days with .01 in. or more.	29	14	1	24	12	16	10	14	28	24	25	12	24	237	/
* Days with .04 in. or more.	17	8	11	218	211	213	=4	214	115	119	27	=5	119	35	163

* See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) **K. McDonald 80** [P.T.O.]

FORM 1090.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1942.

At KOGAN
In the County of WIGTOWN

Rain Gauge
Diameter of Funnel.....in.
Height of Top above Ground.....ft.....in.
Height of Ground above Sea Level.....ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in. or more	
			Inches	Date
JAN.	6.92	1.90	22	24/4
FEB.	2.46	0.80	2	14/3
MAR.	3.84	0.60	5	22/2
APRIL	2.56	0.48	4	12/2
MAY	2.94	0.61	17	16/2
JUNE	0.59	0.17	20	10=
JULY	3.31	0.66	23	19/2
AUG.	4.01	0.91	24	23/4
SEPT.	3.66	0.64	2	24/4
OCT.	5.84	1.73	25	25/2
NOV.	0.70	0.15	29	12=
DEC.	5.44	0.62	31	24/4
TOTAL	42.32		237	38/163

Signature Kenneth Mc Donald

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

Kenneth Mc Donald
Port Logan, Wigtownshire, Scotland

Hour of observation by the clock—in Winter.....in Summer.....

Nearest Railway Station.....Distance.....Direction from.....gauge.....

Nearest Parish Church at.....Distance.....Direction from.....gauge.....

Nature of objects nearest to gauge

Height of objects

Distances

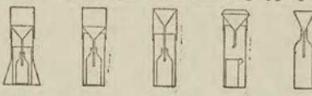
Directions from gauge

If gauge has been moved during the year state—

Date of move.....Distance.....Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

**D** INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Stonehouse, Glos., or the Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in I above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:-

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period, or 11 a.m. during Double Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) Where there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 18 | 14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

File No. R238

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090 REGISTER OF RAINFALL IN 1944

Kept at ELLON (Taylormont House) Gorden *Code for arithmetic - observer agrees.* *D.G. 7.2.45*

in the County of Aberdeen

Diameter of Funnel of Gauge.....5.1 in.

Height of top of Gauge above Ground.....1.1 ft. 6.1 in.

" Ground " Sea Level90 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date	
1	.01	.14	.05	.21	.16	.46	.30	-	-	.06	.06	.01	1	
2	.02	-	.18	.20	.22	.10	.26	-	-	-	.05	.02	2	
3	.14	.15	.04	.90	.18	.09	.28	-	.14	.44	.01	.09	3	
4	-	.08	.01	.11	.64	.13	.55	-	.30	.10	.25	-	4	
5	.09	-	-	-	.06	.01	-	-	.03	.06	.01	-	5	
6	.02	.01	-	-	-	-	.01	-	-	-	.09	.02	6	
7	.14	.21	-	-	-	.04	-	-	.04	-	.03	.68	7	
8	-	.10	.01	-	.08	.04	-	.50	.13	.01	.10	.03	8	
9	-	.12	.02	.04	.18	.09	.05	.13	-	-	.28	.01	9	
10	-	.01	.04	.03	-	-	-	-	.01	.03	.02	.00	10	
11	.04	.02	.02	.10	-	-	-	-	.81	-	.28	-	11	
12	.20	.04	.13	-	-	.03	-	-	-	.01	.01	-	12	
13	.19	.28	.12	-	.06	.09	.09	.10	-	.22	.41	.03	13	
14	-	-	.01	.01	.02	.05	.13	-	-	.03	.60	.28	14	
15	-	-	.03	.40	.38	.14	.30	.03	.10	-	.19	.14	15	
16	-	-	.03	.08	.11	-	-	.06	-	.01	.15	.60	16	
17	.01	.04	-	-	.38	-	-	-	-	.12	.02	.01	17	
18	-	.02	.02	-	.04	.02	-	-	-	.10	-	-	18	
19	-	.04	-	-	.02	-	-	.03	.02	-	.03	.01	19	
20	-	.02	-	.03	-	.02	.05	-	.52	.61	.19	.08	20	
21	-	.02	.01	.13	-	-	-	-	-	.21	.10	.14	21	
22	-	.01	-	.12	-	-	.02	-	.28	.21	.18	-	22	
23	.03	-	-	.04	.23	-	-	-	.09	.14	-	.03	23	
24	.65	-	.06	.08	-	.09	.01	-	.09	-	.05	.01	24	
25	.19	.24	.26	-	-	.06	.10	.01	.09	.22	.15	.03	25	
26	.04	.14	-	-	-	.28	-	-	.24	.09	-	.02	26	
27	.03	-	.01	.02	.09	.29	-	.42	.11	.01	.12	-	27	
28	.35	.01	.12	.11	.03	-	-	.04	.02	.14	.03	-	28	
29	.01	.24	.10	-	-	-	.02	-	.10	.02	-	-	29	
30	-	☒	.13	-	-	.01	-	.03	.24	-	.02	.15	30	
31	.01	☒	.01	☒	.09	☒	-	-	☒	-	☒	-	31	
TOTAL	2.23	2.06	1.14	2.44	2.49	2.10	2.50	1.68	2.61	3.48	3.51	3.70	24.60	31.07
* Days with .01 in. or more.	18✓	21✓	22✓	14✓	18✓	19✓	14✓	10✓	18✓	21✓	25✓	22✓	29✓	
* Days with .04 in. or more.	10✓	13✓	11✓	13✓	15✓	14✓	10✓	6✓	14✓	14✓	16✓	10✓	15✓	146

* See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.

(Signed) *S. John T. Gorden* [P.T.O.]

FORM 1090.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1944

At

In the County of

Rain Gauge Diameter of Funnel.....in.
Height of Top above Ground.....ft.....in.
Height of Ground above Sea Level.....ft.

Month	Total Depth		Greatest Fall in 24 hours	Number of Days with rain in, or more, or more	
	Inches	Inches		Date	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

John M. Blair, Gardener,
Rosslemon's House, Bellon

Hour of observation by the clock—in Winter 10 a.m. in Summer 10 a.m. Direction from

Nearest Railway Station Rosslemon's Distance 3 miles gauge S.

Nearest Parish Church at Bellon Distance 1 mile gauge E.

Nature of objects nearest to gauge Peach House, Toshed Wood, Wood

Height of objects 10 ft. 12 ft. 60-70 ft. 60-70 ft.

Distances ... 14 ft. 40 ft. 30 yds. 56 yds.

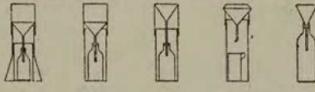
Directions from gauge E S W N.

If gauge has been moved during the year state—

Date of move. Distance. Direction.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

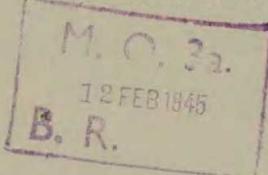


If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- Is it known that the gauge was empty at the beginning of the measured rainfall?
- What note was made of the times of beginning and end of this fall?
- When was the measurement made?

**D** INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Stonehouse, Glos., or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period, or 11 a.m. during Double Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) Where there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

- On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.
 - If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.
 - The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.
 - The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.
 - If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
 - The heaviest daily fall for each month should be underlined.
4. The columns are so spaced that the entries can be made by a typewriter.

LONDON
HIS MAJESTY'S STATIONERY OFFICE
1942

COPY FOR OFFICIAL USE
Section **A** for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
FORM 1091.

Station No. *5776/7***REGISTER OF RAINFALL IN 1944**

Kept at *TAIN, Airfield*
in the County of *ROSS-SHIRE*.

Diameter of Funnel of Gauge *5* in.Height of top of Gauge above Ground *1* ft. *50* in.**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY***An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.*

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	0.6	tr.	1.9	tr.	3.0	14.9	4.0	-	3.6	1.7	4.7	2.8	t	1
2	2.5	5.5	0.9	1.3	0.2	7.6	2.7	-	1.8	6.8	0.6	5.4		2
3	3.3	1.8	1.0	11.3	3.8	2.4	7.1	--	1.8	2.4	0.2	8.1		3
4	tr.	tr.	1.0	6.4	17.1	1.4	5.3	--	13.2	1.7	6.1	2.3		4
5	0.1	--	tr.	2.3	0.3	0.4	3.5	--	0.4	0.7	7.5	1.0		5
6	0.8	tr.	tr.	--	--	0.9	tr.	0.4	0.5	0.5	5.5	3.7		6
7	8.5	3.1	--	--	--	--	tr.	1.4	3.0	--	3.9	tr.		7
8	8.5	1.1	--	--	1.0	tr.	--	8.0	0.7	tr.	2.8	5.5		8
9	tr.	0.5	tr.	tr.	tr.	1.6	--	6.3	0.8	0.1	0.4	0.5		9
10	--	0.2	0.1	--	--	--	2.0	4.8	tr.	0.9	--	--		10
11	5.0	--	tr.	1.7	--	1.0	0.2	tr.	--	8.9	tr.	3.2		11
12	0.4	tr.	5.2	tr.	--	1.9	--	0.2	--	0.5	8.5	--		12
13	6.4	1.3	2.0	tr.	3.5	2.1	--	0.2	2.4	8.0	9.9	--		13
14	tr.	--	0.7	tr.	1.0	1.5	1.1	3.9	1.6	10.6	1.0			14
15	--	0.6	tr.	--	0.6	4.7	2.0	tr.	2.5	4.0	16.6	0.7		15
16	--	0.1	0.2	3.2	2.6	--	--	tr.	0.2	0.2	6.2	2.32		16
17	tr.	--	0.7	3.5	tr.	--	1.1	tr.	4.4	1.0	2.6			17
18	1.0	--	2.8	tr.	1.8	--	--	tr.	--	1.3	0.1	---		18
19	tr.	7.3	6.4	3.8	0.7	tr.	0.2	tr.	--	0.2	--	tr.		19
20	6.7	2.0	1.2	6.0	--	--	tr.	--	0.6	6.8	0.1	1.0		20
21	3.4	tr.	1.7	0.6	2.0	--	tr.	--	tr.	0.1	0.3	0.5		21
22	1.8	0.1	0.1	0.8	--	0.8	tr.	--	5.0	1.3	4.0	--		22
23	2.2	--	--	0.1	tr.	--	tr.	0.1	0.2	tr.	--	tr.		23
24	4.8	--	0.1	0.4	4.3	0.2	--	4.3	--	5.2	--	0.7		24
25	1.0	6.5	6.5	--	0.6	9.4	4.5	--	4.9	0.1	--	2.4		25
26	8.6	tr.	0.7	tr.	tr.	0.3	2.6	0.2	11.9	0.6	--	tr.		26
27	11.9	2.0	tr.	0.3	1.0	14.3	tr.	3.8	1.7	tr.	2.8	0.6		27
28	4.8	--	0.1	0.9	9.7	--	--	0.3	0.1	2.7	0.5	---		28
29	1.5	2.6	tr.	--	1.0	--	tr.	--	0.1	7.6	0.4	0.3		29
30	0.2	tr.	0.1	0.9	0.2	--	3.7	4.8	0.8	tr.	1.2			30
31	tr.	tr.	0.5	tr.	--	--	0.8	tr.	0.9	tr.	0.1			31
TOTAL	3.31	1.37	1.29	1.60	2.27	256	1.40	1.44	2.53	2.76	3.65	1.81	Year's Total <i>25.98</i>	
* Days with 0.2 mm. or more.	84.0	34.7	32.4	40.6	57.6	65.1	35.6	36.7	64.3	70.0	92.7	45.9	659.6	
** Days with 1.0 mm. or more.	21	13	14	15	19	18	12	15	20	24	20	20	211	
	17	10	10	8	13	12	10	9	13	15	14	14	145	

(144w)

* See Instruction 3 (f) on other side.

† Spare column for entries required, except year's total.

(Signed) *R. M. Murray, C.H.* [P.T.O.]

Metereological Officer.

FORM 1091.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 194...

At

In the County of

Rain Gauge
 Diameter of Funnel.....in.
 Height of Top above Ground.....ft.....in.
 Height of Ground above Sea Level.....ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.2 mm. or more or 1.0 mm. or more or more
	Millimetres	Millimetres	Date
JAN.			
FEB.			
MAR.			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
TOTAL			

Signature R. Murray F.H.C.

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

Metereological Officer, Metereological Office

Royal Air Force Station, Tain, Ross-shire

Hour of observation by the clock—in Winter 0800 ... in Summer 0900

Nearest Railway Station..... Tain Distance..... 3ml Direction from N.W.

Nearest Parish Church at..... Tain Distance..... 1ml Direction from N.E. gauge..... cottage

Nature of objects nearest to gauge whins. wall 6ft. 18ft. screen. 20ft. X 20ft.

Height of objects 6ft. 5ft. 5ft. 15ft.

Distances ... 8 & 6 yds. 13 yds. 10 yds. 100 yds.

Directions from gauge ... 360° & 080° 200° 270° 300°

If gauge has been moved during the year state -

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

MO 32 APR 10 1945

METEOROLOGICAL OFFICE, EDINBURGH.	
27 FEB 1945	

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Stonehouse, Glos., or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:-

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. This the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period, or 11 a.m. during Double Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than 0.5 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation,

and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving bottle.

(c) On some measures there is graduation marked .05; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .05 mark, or between this .05 mark and the 0.1 mark, are to be entered as 0.1 even though they may be nearer to the .05 mark than the 0.1 mark. In this particular case the general rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | | 3 | 6 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 34 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, or 0.9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

LONDON
HIS MAJESTY'S STATIONERY OFFICE
1942

COPY FOR OFFICIAL USE													Station No. 5678/5			
Section	A	for the entry of Daily Observations														
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION																
REGISTER OF RAINFALL IN 1944																
FORM 1099	No. of wet days advised in box by comparison with neighbouring stations.															
Kept at <u>Selgov (The Head)</u>																
in the County of <u>Moray</u>																
Diameter of Funnel of Gauge.....	5	in.														
Height of top of Gauge above Ground.....	17	ft.	154	in.												
" Ground "	Sea Level	120	ft.													
THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY																
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.																
Please read the Notes and Instructions Overleaf																
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date			
1	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†			
2	.04	.11	5 .17	-	.01	.51	.01	-	.14	.04	.06	.06	1			
3	.14	.10	5 .08	.20	.01	.01	.09	-	-	.15	.07	.13	2			
4	SR .18	5 .15	5 .03	.18	.12	.13	.04	-	.10	.13	.02	.20	3			
5	TR .05	5 .04	.38	31	.05	.39	-	.28	.17	.24	.01		4			
6	.13	.01	.01	.12	TR	.01	TR	-	.02	.05	.08	TR	5			
7	.02	TR	-	-	.40	TR	.04	-	TR	.04	STR		6			
8	.34	.12	-	-	-	-	.35	.01	.03	.07	5 .05		7			
9	SR .18	.01	-	-	TR	-	.50	.167	.01	.17	.13		8			
10	SR .18	.06	.01	TR	.05	.10	TR	.01	.03	-	.01	.01		9		
11	TR .05	TR	-	-	.03	.36	.06	TR	.01	-	.47		10			
12	SR .15	-	.01	-	-	.02	-	.02	-	.26	.02	.84		11		
13	.07	-	SR .18	.01	-	.07	-	.01	-	-	.35	.03		12		
14	.20	10	5 .18	-	.03	.06	.01	.05	.02	.12	.31	.01		13		
15	-	-	-	-	.09	TR	.04	.24	.14	.23	-			14		
16	TR	-	.07	TR	-	.10	.32	.03	.19	.05	.64	-		15		
17	-	-	.03	.09	31	.01	TR	.01	.37	✓	.02	.04		16		
18	-	-	.06	.01	.14	-	-	.01	-	X	.05	-		17		
19	.01	-	.02	-	.16	-	-	TR	-	X	.03	-		18		
20	-	.19	.12	TR	.12	-	TR	.05	.41	48	.01	-		19		
21	-	.07	.04	.03	-	-	.03	.04	.01	X	.04	.04		20		
22	.03	.01	.01	.11	.02	TR	-	.03	-	-	TR	.04		21		
23	.03	.01	.01	.11	.02	.01	.01	-	.20	X	.14	TR		22		
24	.08	-	-	.04	.01	-	TR	-	.71	TR	.01	TR		23		
25	.07	-	.02	.02	.18	.14	-	.04	.04	.10	5 .03	.03		24		
26	-13	SR .60	23	.01	.01	.34	.14	-	.15	.01	TR	.07		25		
27	.30	5 .11	.02	-	TR	.10	.26	TR	.54	.13	5 .03	.05		26		
28	.22	5 .11	TR	.04	.08	.50	.01	.05	.06	→	.16	TR		27		
29	.15	-	.02	.09	.17	.01	-	TR	TR	.21	.02	-		28		
30	.03	SR .11	5 .08	-	.01	-	-	.01	TR	.06	.01	.05		29		
31	-	5 .04	TR	.01	.06	.08	.16	.13	.05	TR	.06			30		
TOTAL	2.68	1.97	1.08	1.35	1.75	2.75	1.78	1.65	1.12	2.26	2.66	2.32	Year's Total 26.37 ✓			
* Days with .01 in. or more.	21	18	23	15	18	21	14	19	20	258	26	19	232 ✓			
* Days with .04 in. or more.	16	14	11	9	10	14	8	13	14	14?	15	14	152 ✓			

* See Instruction 3 (f) on other side. + Spare column, no entries required, except year's total.

(Signed) *M. Ross. Jan. 1, 1944.* [P.T.O.]

FORM 1090.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 194...

At

In the County of

Rain Gauge | Diameter of Funnel.....in.
 Height of Top above Ground.....ft.....in.
 Height of Ground above Sea Level.....ft.

Month	Total Depth Inches	Greatest Fall in 24 hours Inches	Date	Number of Days with		
				.01 in.	.04 in.	or more
JAN.				*	*	*
FEB.				*	*	*
MAR.				*	*	*
APRIL				*	*	*
MAY				*	*	*
JUNE				*	*	*
JULY				*	*	*
AUG.				*	*	*
SEPT.				*	*	*
OCT.				*	*	*
NOV.				*	*	*
DEC.				*	*	*

TOTAL

METEOROLOGICAL
OFFICE,
EDINBURGH.

Signature

25 - JAN. 1945

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

Mr. Harrison
Tee Field, Kellogg.

Hour of observation by the clock—in Winter A.M. in Summer Date

Nearest Railway Station Distance 1 1/2 miles Direction from SSW

Nearest Parish Church at Spynie Distance 1 1/2 miles Direction from SW

Nature of objects nearest to gauge

Height of objects

Distances ...

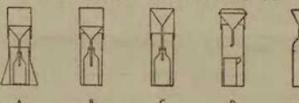
Directions from gauge ...

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

*Very warm weather in end of January!
Temp on our terrace on 3.1.45 was 68 deg.*

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section C cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Stonehouse, Glos., or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in I above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:-

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period, or 11 a.m. during Double Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) Where there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the gauge.

(c) On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] 14 would show that the reading on the 18th morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

LONDON
HIS MAJESTY'S STATIONERY OFFICE
1942

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090 **JOHNSTONE REGISTER OF RAINFALL IN 1945.**

Kept at Hawthornes (Braefield) Days adjusted in Jan. 8.6. no. 3 27.4.46

in the County of Renfrew

Diameter of Funnel of Gauge..... 5 in.

Height of top of Gauge above Ground..... 1 ft. in.

Ground Sea Level 100 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date	
1	.03	.37	—	.32	—	.27	.30	—	—	—	.12	—	1		
2	.23	.01	—	.40	.14	.07	—	—	—	—	—	.28	2		
3	—	1.27	.03	.07	—	.30	.02	—	—	—	.04	.04	3		
4	—	.32	—	.25	—	.11	—	.03	—	.04	—	.42	4		
5	—	.13	—	.21	.32	.62	.02	.13	—	—	—	.03	5		
6	.12	1.22	—	—	—	.04	.01	.27	—	—	—	.24	6		
7	.05	.09	—	—	.20	.62	—	.05	—	.04	.03	.32	7		
8	—	.30	—	—	.07	.07	—	—	—	.03	—	.32	8		
9	—	.60	—	—	.03	—	.54	—	—	.62	—	—	9		
10	—	.10	—	.49	—	—	—	—	.14	1.01	—	—	10		
11	—	.10	—	.60	—	.29	—	—	—	—	—	.01	11		
12	—	.75	.03	.12	.02	—	—	—	.73	—	—	.04	12		
13	—	.53	.04	.03	.81	.12	1.36	—	.23	—	—	—	13		
14	—	.12	—	.35	.09	.08	.03	.09	.29	—	—	.03	14		
15	—	.07	.10	—	.50	.08	.38	.06	.65	—	—	.39	15		
16	.05	.21	—	—	.81	—	.34	—	1.15	—	—	.49	16		
17	1.14	.08	.04	—	—	.13	.11	—	.22	—	—	.53	17		
18	.20	—	.35	—	.01	—	.69	—	—	—	—	.38	18		
19	—	.28	.83	—	—	—	.08	—	.29	—	—	.02	19		
20	—	—	.07	—	.41	.03	.05	—	.20	.22	.03	—	20		
21	.01	.17	—	—	.33	—	.36	.11	.88	.35	.03	.01	21		
22	.20	.13	—	—	.38	.21	.05	—	.82	.25	—	.04	22		
23	—	—	—	—	—	.10	—	1.18	.05	1.23	.09	.11	23		
24	—	.82	.04	—	—	—	—	.03	—	1.18	.04	—	24		
25	—	.85	.37	—	—	.32	—	—	.03	.27	.13	—	25		
26	—	.08	—	—	.24	.08	.14	—	.23	.04	—	.68	26		
27	—	.04	.37	—	.21	—	—	.10	.03	.80	.04	.33	27		
28	—	.40	.24	.07	1.18	—	—	.10	—	.50	—	—	28		
29	—	X	.27	.02	.03	.20	.03	—	.01	.11	.04	—	29		
30	1.04	X	.56	—	.03	.23	—	.05	.01	.25	.01	—	30		
31	.67	X	.81	X	.37	X	—	—	X	.62	X	—	31		
TOTAL	3.74	9.04	4.15	2.93	6.18	3.97	4.51	2.20	5.96	7.56	.60	4.71	55.55	✓	
* Days with .01 in. or more.	12.11	25	15	12	20	20	17	12	17	17	11	20	198		
* Days with .04 in. or more.	10.9	24	13	10	15	19	12	10	13	16	7	15	164		
* See Instruction 3 (i) on other side. + Spare column, no entries required, except year's total.													Year's Total	163	

(Signed) James M. Nird [P.T.O.]

FORM 1090.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 194...

At

In the County of

Rain Gauge
 Diameter of Funnel.....in.
 Height of Top above Ground.....ft.....in.
 Height of Ground above Sea Level.....ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in. or more or more	
			.01 in.	.04 in.
JAN.				
FEB.				
MAR.				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
TOTAL				

Signature

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

JAMES M. HIRD

NARWICH, BORRASFIELD, JOHNSTONE, Renfrewshire

Hour of observation by the clock—in Winter 9 a.m. in Summer G.M.T.

Nearest Railway Station Houston-Crosslee Distance 1 mile gauge E

Nearest Parish Church at Kilbarchan Distance 1 mile gauge S.W.

Nature of objects nearest to gauge				
------------------------------------	--	--	--	--

Height of objects				
-------------------	--	--	--	--

Distances ...				
---------------	--	--	--	--

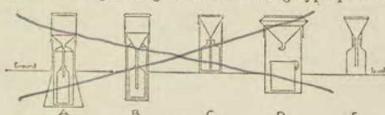
Directions from gauge ...				
---------------------------	--	--	--	--

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

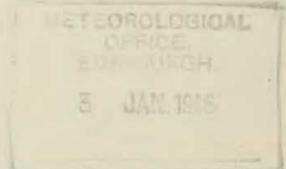


If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

**D** INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period, or 11 a.m. during Double Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) Where there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

(c) On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | | .14 | would show that the reading on the

morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .01 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

LONDON
HIS MAJESTY'S STATIONERY OFFICE
1945

COPY FOR OFFICIAL USE
 Section **A** for the entry of Daily Observations
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
 FORM 1091.

Station No. **5598****REGISTER OF RAINFALL IN 1949**

M.W.R.

Kept at **Abroath (W. Cemetery)**
in the County of **Angus**1/2/49 Station moved to Springfield Park
—number 5598 retained.Diameter of Funnel of Gauge.....**5** in.Height of top of Gauge above Ground.....**1**, ft. **9** in.**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

T.F.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†	
1	0.2	-	-	b	-	2.8	-	9.3	-	2.8	-	-	-	1
2	-	-	-	1.5	-	-	-	0.4	0.6	1.1	0.1	1.7	-	2
3	-	-	4.1	3.1	-	0.2	6.0	-	0.2	-	b	-	-	3
4	-	-	1.5	0.2	-	-	23.2	b	20.8	-	3.3	-	-	4
5	1.4	-	8.7	-	-	1.7	-	0.4	1.7	-	-	-	-	5
6	11.5	-	-	14.1	10.3	0.6	-	-	b	0.1	-	6.9	-	6
7	1.9	0.8	1.0	14.0	b	2.8	-	32.3	-	0.4	-	0.3	-	7
8	-	4.1	0.3	-	0.7	-	-	3.1	-	-	-	5.9	-	8
9	-	4.2	3.3	0.8	b	0.5	-	-	1.1	0.1	5.5	-	-	9
10	-	b	0.1	-	-	7.5	-	b	-	2.5	-	-	-	10
11	0.1	1.1	1.3	b	-	-	-	-	-	0.5	3.7	1.0	-	11
12	0.1	1.2	-	-	-	b	-	0.9	-	0.4	2.2	2.0	-	12
13	b	0.6	-	-	-	b	12.7	-	-	-	-	-	-	13
14	-	0.9	-	-	2.3	-	0.2	3.7	0.6	0.5	-	1.8	-	14
15	4.9	0.3	1.9	-	-	-	-	2.0	-	0.3	-	-	-	15
16	b	0.2	0.4	-	2.1	-	-	7.8	-	1.1	10.3	0.7	-	16
17	-	b	-	-	8.2	-	-	1.5	-	10.5	11.0	-	-	17
18	-	4.0	0.4	-	0.6	-	0.2	-	-	-	-	5.8	-	18
19	2.6	4.1	-	-	-	-	1.1	-	-	-	-	0.2	-	19
20	1.1	0.5	-	5.4	-	-	3.6	-	-	4.5	5.2	-	-	20
21	-	1.2	0.6	5.0	-	-	0.6	b	b	-	11.1	1.6	-	21
22	1.1	0.8	-	b	6.6	-	-	-	-	-	5.5	-	-	22
23	3.5	-	-	0.2	0.9	-	-	-	2.0	16.1	5.9	b	-	23
24	-	-	-	0.3	b	-	-	-	2.2	0.3	2.2	-	-	24
25	0.1	-	-	-	-	b	0.3	b	300	7.3	2.2	-	-	25
26	-	b	-	0.8	2.1	-	-	0.1	-	-	1.0	-	-	26
27	-	-	-	-	-	-	0.2	-	-	-	-	2.4	-	27
28	-	0.8	-	-	b	5.1	b	-	-	0.1	b	4.0	-	28
29	-	X	-	5.7	-	0.3	b	0.4	-	-	-	0.5	-	29
30	0.6	X	-	-	3.1	-	4.2	0.1	-	1.9	-	-	-	30
31	b	X	-	X	0.3	X	-	0.9	X	3.3	X	-	-	31
TOTAL	1.15	5.98	0.93	2.01	1.46	0.85	2.05	2.49	1.15	3.01	3.04	1.45	20.57	
Days with 0.2 mm. or more.	29.1	24.8	23.6	51.1	37.0	21.5	52.0	63.2	29.1	76.5	77.3	36.8	522.0	
Days with 1.0 mm. or more.	10.1	15.1	11.1	12.1	11.1	9.1	10.1	13.1	8.1	16.1	13.1	15.1	143	
81	7.	7.	7.	7.	7.	5.	6.	7.	5.	10.	13.	11.	93	

(044w)

* See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

Print only Signed The Town Council P.T.O.

FORM 1091.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 194...

At

In the County of

Rain Gauge
 Diameter of Funnel.....in.
 Height of Top above Ground.....ft.....in.
 Height of Ground above Sea Level.....*

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.2 mm. or more or more		
			Millimetres	Millimetres	Date
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature

* See Instruction 3 (f) below.

C

Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible.—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.....in Summer.....

Nearest Railway Station..... Distance..... Direction from..... gauge.....

Nearest Parish Church at..... Distance..... Direction from..... gauge.....

Nature of objects nearest to gauge.....

Height of objects.....

Distances ...

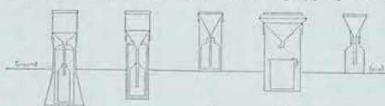
Directions from gauge ...

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving bottle.

(e) On some measures there is graduation marked .05; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .05 mark, or between this .05 mark and the .1 mark, are to be entered as .01 even though they may be nearer to the .05 mark than the .01 mark. In this particular case the general rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 18 | 3.6 | would show that the reading on the

morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, or 0.9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

LONDON
HIS MAJESTY'S STATIONERY OFFICE
1946

Section **A** for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090 Station No. 57828

REGISTER OF RAINFALL IN 1946.

Kept at ~~Gruinard~~ ~~Haide~~ ~~Johnstone~~
in the County of Ross & Cromarty

Diameter of Funnel of Gauge..... 6 in.

Height of top of Gauge above Ground..... 7 ft. 10 in.

" Ground Sea Level 60 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	1
2	-	.06	-	-	-	.13	.74	.03	-	.06	-	.23		2
3	.18	.37	.07	-	-	.11	.26	.03	.01	.55	.03	.41		3
4	.76	.10	.02	.26	-	.50	.67	.10	.02	.31	-	.07		4
5	.33	.18	.07	.08	-	.57	.38	.14	.26	-	-	.14		5
6	-	.40	-	.30	-	.08	.03	.12	.10	-	.36	-		6
7	-	.33	.10	.34	-	.06	-	.12	-	-	.04	.04		7
8	.19	.12	.06	.11	-	.50	.09	.03	.68	-	-	-		8
9	.04	.19	.10	.06	-	.05	-	.27	.01	-	.06	-		9
10	.16	.27	-	.17	-	.10	-	.01	.27	-	.10	-		10
11	.29	.26	.03	1.35	-	-	.29	-	-	-	.53	.27		11
12	-	.03	-	.08	-	-	.46	.03	.12	-	.45	.08		12
13	-	.05	-	.03	.04	-	1.20	.07	.14	-	.35	.04		13
14	-	.01	-	-	.12	-	.67	.18	.30	-	-	.17		14
15	-	.55	-	.40	.01	-	-	.02	.36	-	-	.05		15
16	-	.06	.18	.33	-	.42	-	.17	.85	-	-	-		16
17	-	.06	.09	.01	-	.03	-	.08	.87	-	.08	-		17
18	-	.18	.07	.02	-	.10	.10	.28	.33	-	.06	-		18
19	-	.25	.19	.18	-	.08	.52	.26	.18	-	-	-		19
20	-	.26	.14	.12	.10	.06	.26	.30	.02	-	.03	.09		20
21	.05	.19	.04	.10	-	.02	.03	.14	1.04	-	.18	.32		21
22	.05	.68	.21	.19	-	.01	.13	.01	.38	.02	.02	.23		22
23	.02	.18	.14	.18	-	.33	.38	.24	.72	.26	.14	-		23
24	.04	.27	.25	.14	-	.13	.04	.27	.08	-	.12	.20		24
25	.03	.04	.13	-	-	.08	.05	.01	.06	-	.13	.40		25
26	.11	.12	-	-	-	.09	.16	.02	.42	-	.25	.51		26
27	.18	.37	-	-	-	.03	.03	.01	.27	.10	.18	.13		27
28	.25	.08	-	-	-	.48	.31	.39	-	.65	.10	-		28
29	.08	-	-	-	-	.54	.26	.07	-	.18	.70	-		29
30	.55	✉	-	-	-	.55	.05	.31	.04	-	.31	.21		30
31	.30	✉	-	✉	.14	✉	.06	.10	✉	-	✉	.20		31
TOTAL	3.61	5.94	2.04	4.18	.96	5.01	7.01	3.65	7.57	1.30	5.30	5.48	Year's Total	52.11 ✓
* Days with .01 in. or more.	18	28	17	19	6	25	25	30	24	6	21	22	241	✓
* Days with .04 in. or more.	16	26	15	16	5	21	22	20	20	5	18	22	206	✓

* See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.

(Signed) Angus Macpherson [P.T.O.]

FORM 1090.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1946..

At Grinard, Laidie, Achnaahans,
In the County of Perth & Cromarty.

Rain Gauge
Diameter of Funnel..... 5 in.
Height of Top above Ground..... ft. 10 in.
Height of Ground above Sea Level..... ft. 60

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in., .04 in., or more or more				
			Inches	Inches	Date	*	*
JAN.							
FEB.							
MAR.							
APRIL							
MAY							
JUNE							
JULY							
AUG.							
SEPT.							
OCT.							
NOV.							
DEC.							
TOTAL							

Signature

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible.—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter..... 8 A.M.... in Summer..... 9 A.M..... *Summer time*

Nearest Railway Station..... *Gairn*..... Distance..... 4.2..... gauge..... *east*

Nearest Parish Church at..... *Badram*..... Distance..... 5..... gauge..... *east*

Nature of objects nearest to gauge *Wooden Hut*

Height of objects 14'

Distances 36'

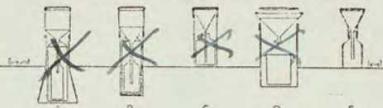
Directions from gauge *West*.

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

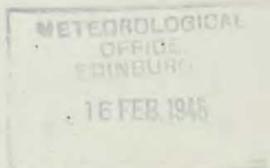


If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

**D** INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not .00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) Where there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

(c) On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | | 14 | would show that the reading on the

18 morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

LONDON: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE: 1946.

Price 1d. net (exclusive of purchase tax).

Wt. 4005/O1580 15,000 10/46 W. H. & S. 668/91

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Section **A** for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Station No. **5559/5***M.O.*

FORM 1090

REGISTER OF RAINFALL IN 1948

*Loch Rannoch Railway (Station) T.
in the County of Perth.*

Diameter of Funnel of Gauge.....**5**.....in.
Height of top of Gauge above Ground.....**1**.....ft.....in.

"Ground" Sea Level **1007 ft.**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	2.02	1.30	—	.98	—	—	—	—	.30	.71	.20	.48	†	1
2	.95	.60	.05	.10	.07	.35	.30	—	.30	.25	.50	1.31		2
3	.05	.70	.01	.40	.10	.04	1.55	—	.23	.25	1.45	.30		3
4	—	.30	—	.04	.40	.40	.05	—	.10	—	.22	.41		4
5	.54	.80	.20	.20	.01	1.00	.01	.10	.40	—	—	.50		5
6	.15	.52	—	.35	—	.70	—	.02	.38	—	—	.45		6
7	—	.60	1.01	1.16	—	.23	.01	.20	.55	—	—	.53		7
8	—	1.20	.02	.21	—	.30	—	.10	.40	.70	.20	.33		8
9	—	.70	.40	.01	—	.01	—	—	.28	1.30	.20	.79		9
10	.45	.10	.08	—	—	—	.15	—	.05	.05	.02	.32		10
11	.65	.80	.01	—	.38	—	.02	.22	.60	.21	.09	.20		11
12	.42	.05	—	.20	.03	—	.13	.40	.10	.10	.00	.39		12
13	.38	.22	—	.15	—	—	.01	.01	.15	.90	.30	.12		13
14	.06	.29	.28	.02	—	.10	—	.12	.75	.70	.27	.49		14
15	—	.01	.50	.01	—	.10	—	.65	.05	.10	.20	.38		15
16	—	—	.30	—	—	.12	—	1.07	.15	.54	.38	.54		16
17	—	—	—	—	—	.10	—	.25	.01	.03	.20	.14		17
18	—	—	1.15	.35	—	.10	.42	.01	.60	.04	.10	—		18
19	.80	—	1.00	.01	—	.15	.25	—	.02	.18	.70	—		19
20	—	—	1.22	—	—	.10	.35	—	—	.10	.50	—		20
21	—	.20	.35	.28	—	.20	.05	.95	.01	.30	.20	—		21
22	—	.01	.07	.25	—	.01	.02	2.20	—	.25	—	—		22
23	—	—	—	.01	.05	.05	.05	.50	.40	1.20	—	—		23
24	.15	—	—	—	—	.05	.33	.50	.75	.70	—	—		24
25	.20	—	—	—	.40	.34	.18	.25	1.20	.03	.05	—		25
26	.30	—	—	.30	.04	.25	.01	—	.70	—	.01	—		26
27	.04	—	—	.70	.06	.20	—	—	.30	—	.05	.40		27
28	.70	—	—	.05	.04	.15	—	.52	1.19	—	—	.155		28
29	.64	—	.40	—	—	—	—	.25	.18	.15	.02	.40		29
30	.70	—	.28	—	.04	—	—	.60	.20	.06	—	.10		30
31	.52	—	.65	—	.35	—	.08	.40	—	.30	—	.50		31
TOTAL	9.72	8.40	7.98	5.78	1.97	5.05	3.97	9.32	10.25	9.15	6.46	10.63	Year's Total 88.68	
* Days with .01 in. or more.	19	17	19	21	13	23	19	21	28	24	22	22	22	248
* Days with .04 in. or more.	19	15	16	16	11	21	13	18	25	22	19	22	22	217

* See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) **N.P.S. Hydro Electric Board P.T.O.**

FORM 1090.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 194...

At

In the County of

Rain Gauge
 Diameter of Funnel.....in.
 Height of Top above Ground.....ft.....in.
 Height of Ground above Sea Level.....ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with .01 in. or more or more	Date *	Date *
		Inches	Inches			
JAN.						
FEB.						
MAR.						
APRIL						
MAY						
JUNE						
JULY						
AUG.						
SEPT.						
OCT.						
NOV.						
DEC.						
TOTAL						

Signature

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

Grampian Electricity Supply Company
 10, Melville Street, Edinburgh, 3.

Hour of observation by the clock—in Winter.....9 a.m....in Summer.....9 a.m..

Nearest Railway Station.....Rannoch.....Distance.....200 yds.....gauge.....W.....

Nearest Parish Church at.....Bridge of Gaur.....Distance.....5½ m.....gauge.....E.....

Nature of objects nearest to gauge.....Building (Hotel) 60 yds. S.W.

Height of objects.....Light open fence 4 ft. High and 6 ft. Clear

Distances ... all round gauge.....

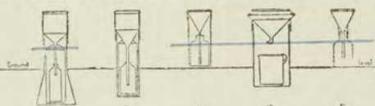
Directions from gauge ...

If gauge has been moved during the year state—

Date of move.....Distance.....Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:-

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not 00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) Where there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

(c) On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | | 14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

LONDON: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE: 1946.

Price 1d. net (exclusive of purchase tax).

Wt. 3458/71137 7,000 10/47 W. H. & S. 668 91

40-9899

COPY FOR OFFICIAL USE
 Section **A** for the entry of Daily Observations
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
 FORM 1091.

Station No. **059**.**REGISTER OF RAINFALL IN 19**Kept at **PALROSS AIR PORT**in the County of **INVERNESS**:Diameter of Funnel of Gauge..... **5** in. and **11.3** in.Height of top of Gauge above Ground **3 ft 5 in.**,, Ground „ Sea Level **35.5** ft.**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	3.01	-	-	-	-	0.7	1.7	29.0	0.1	-	0.2	4.9	†	1
2	0.4	-	-	0.5	-	1.9	-	4.2	2.1	0.1	-	0.4		2
3	-	-	0.4	0.9	-	0.3	-	TR	-	0.1	3.3	12.4		3
4	-	-	10.5	11.1	9.8	10.2	5.6	0.1	0.2	TR	0.9	12.8		4
5	-	-	0.6	1.4	0.1	2.0	1.2	0.4	0.6	0.7	TR	4.5		5
6	4.1	-	-	7.8	8.0	TR	0.2	0.4	TR	6.0	-	9.5		6
7	6.6	-	-	9.3	-	0.2	0.4	17.7	TR	2.0	TR	2.7		7
8	0.9	2.5	-	0.1	1.7	TR	0.2	TR	2.6	0.1	TR	0.4		8
9	-	4.7	8.5	-	-	1.6	-	0.1	3.3	TR	4.5	14.0		9
10	2.3	0.1	-	0.1	-	5.3	0.6	TR	-	2.7	2.1	TR		10
11	1.8	0.4	0.3	5.2	-	-	0.5	0.2	3.2	0.2	TR	-		11
12	-	0.2	2.9	0.2	-	TR	5.3	0.1	-	TR	TR	13.7		12
13	0.8	-	0.8	0.2	1.2	0.6	TR	0.2	1.0	-	3.6	TR		13
14	0.8	0.6	0.1	-	8.6	TR	TR	11.3	32.8	-	0.2	TR		14
15	3.2	-	3.2	2.5	0.6	-	-	11.8	0.4	3.2	TR	0.3		15
16	1.4	0.1	0.9	-	4.6	-	-	TR	-	-	TR	6.2		16
17	2.2	-	0.4	0.3	2.6	-	0.2	0.1	-	3.0	0.1	3.9		17
18	14.9	0.3	0.5	0.1	-	-	TR	TR	TR	1.4	-	5.5		18
19	10.1	1.3	-	1.3	-	-	0.7	1.0	-	0.2	-	13.9		19
20	4.6	-	0.4	8.6	-	-	3.1	10.3	-	0.2	TR	3.4		20
21	0.7	4.7	0.1	4.6	-	-	0.8	10.5	TR	0.1	TR	0.2		21
22	0.6	2.0	-	1.0	0.9	-	0.2	TR	TR	-	12.7	-		22
23	4.0	4.1	-	-	2.3	-	-	0.1	0.1	2.0	TR	TR		23
24	-	1.2	-	TR	TR	-	-	-	-	9.0	0.6	11.1		24
25	0.5	3.5	0.3	0.4	-	-	9.1	-	TR	12.8	3.7	12.5		25
26	-	13.2	-	0.2	0.5	0.7	0.6	TR	TR	0.9	0.5	0.1		26
27	-	0.2	-	1.7	TR	0.9	1.3	-	-	-	13.8	-		27
28	0.4	11.3	-	0.1	TR	3.5	0.3	0.3	0.4	0.6	0.2	4.3		28
29	-	-	-	-	-	2.8	0.8	1.2	-	-	TR	-		29
30	-	☒	-	1.2	0.1	-	2.0	0.1	-	1.0	4.3	-		30
31	TR	☒	-	☒	1.0	☒	1.2	1.5	☒	0.2	☒	-		31
TOTAL	95.4	50.4	49.9	48.8	40.0	29.8	35.8	103.7	46.8	46.5	53.7	136.7	Year's Total	707.5
* Days with 0.2 mm. or more.	20	15	13	19	12	13	21	15	10	17	14	20		189
* Days with 1.0 mm. or more.	11	10	4	12	9	4	9	10	6	10	8	16		112

(144w) * See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) *W. Macmillan Shand*

[P.T.O.]

FORM 1091.

B

Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1949

At DALCROSS AIRPORT

In the County of INVERNESS

Rain Gauge | Diameter of Funnel 5 1/2 in.
S. Gage 12 in.
Height of Top above Ground 11 ft.
11 ft. 8 in. Gauge 20 in.
Height of Ground above Sea Level 35.5 ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.2 mm. or more or more		
			Millimetres	Millimetres	Date
JAN.	96.4	30.1	1st	20	11
FEB.	50.4	13.2	26th	15	10
MAR.	29.9	10.5	4th	13	4
APRIL	48.8	9.3	9th	19	12
MAY	40.0	8.6	14th	12	9
JUNE	29.8	10.2	4th	13	7
JULY	35.8	9.1	25th	21	9
AUG.	103.7	29.0	1st	15	10
SEPT.	41.8	32.8	14th	10	6
OCT.	46.5	12.8	25th	17	10
NOV.	53.7	13.8	24th	14	8
DEC.	136.7	14.0	9th	20	16
TOTAL	707.5		189	112	

Signature W. M. Shannan

* See Instruction 3 (f) below.

D

INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

- (a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.
- 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation,

and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked .05; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .05 mark, or between this .05 mark and the 0.1 mark, are to be entered as 0.1 even though they may be nearer to the .05 mark than the 0.1 mark. In this particular case the general rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 3.6 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, or 0.9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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40-999

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible.

Name and Address to which any inquiry relating to this register should be sent:—

METEOROLOGICAL OFFICE, DALCROSS AIRPORT,
DALCROSS EAST, INVERNESS.

Hour of observation by the clock—in Winter 0900 in Summer 0900.

Nearest Railway Station DALCROSS Distance 2 miles gauge SOUTH.

Nearest Parish Church PETTY Distance 2 1/2 miles gauge S.W.

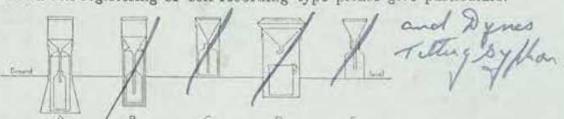
Nature of objects nearest to gauge	CONTROL BUILDINGS	HANGARS
Height of objects	15FT.	58FT.
Distances	50yds	100yds NEAREST POINT
Directions from gauge	200°	200° - 260°

If gauge has been moved during the year state—

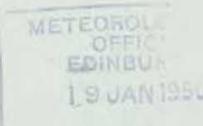
Date of move. Distance. Direction.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—



Section **A** for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

Station No. 57457

REGISTER OF RAINFALL IN 1948Kept at ~~Alloa Park~~ ^{Hous} ~~Gardens~~
in the County of Clackmannan

Diameter of Funnel of Gauge..... 5 in.

Height of top of Gauge above Ground..... 3 ft. 1 in.

Ground Sea Level 50 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	.53	1.30	—	30	.11	—	—	—	.06	.35	.02	.22		1
2	.09	.22	.01	—	.06	.28	—	.10	.95	—	.53	.25		2
3	.08	.13	.01	.05	.12	.48	.48	—	.30	—	.33	.02		3
4	.21	.02	—	—	.18	.26	.11	.07	.04	—	—	—		4
5	.04	.46	—	.06	.03	.08	—	.05	.03	—	.04	.40		5
6	.28	.60	.08	.02	—	1.26	—	.08	.01	—	.10	.38		6
7	.15	.28	.32	.48	—	.02	—	.23	.12	—	—	.24		7
8	.02	.55	—	—	.60	—	—	.06	.06	.65	.02	.30		8
9	.26	.41	.09	—	—	—	—	.03	.02	.61	.02	.26		9
10	.82	.07	—	—	—	.04	.02	.05	.37	.06	.08	—		10
11	.41	.43	—	—	.23	—	—	.21	.38	.32	.15	.81		11
12	.24	.07	—	—	.02	—	.60	.78	.10	.01	.75	.03		12
13	.58	.09	—	—	.08	.02	.10	—	.18	.68	.11	.08		13
14	.36	.07	.01	—	—	.01	—	.65	1.32	.08	.01	.32		14
15	.01	.02	.18	—	—	.04	.10	.20	.09	.04	.18	.01		15
16	.03	.08	.11	—	—	.14	—	.44	—	.28	.03	.08		16
17	.37	—	—	.36	—	.56	—	.12	—	.15	.32	—		17
18	.22	.01	.27	.09	—	.12	.39	—	.11	.06	.04	—		18
19	.11	.09	.26	.01	—	.18	.27	.04	—	—	.10	—		19
20	.10	.06	.08	.02	—	.08	.28	.08	—	—	.39	—		20
21	.03	.11	.03	—	.04	.06	.11	.82	.01	.02	—	—		21
22	.02	—	—	.75	.22	.21	.02	.32	—	.02	.03	—		22
23	—	—	.02	—	.20	.01	—	.18	—	.15	—	—		23
24	—	.02	—	—	—	—	.22	.47	.08	—	—	—		24
25	—	—	—	—	.02	.02	—	.18	.06	—	—	—		25
26	.11	—	—	.02	.24	—	—	—	.78	—	—	—		26
27	.08	—	—	.20	.02	.10	—	—	.02	.08	—	.03		27
28	.06	—	.01	.22	.39	.03	—	.46	.26	—	.02	.81		28
29	.02	—	.18	.02	—	—	—	.09	.02	.09	—	.31		29
30	.39	—	.12	—	.28	—	—	.48	.02	.07	—	.10		30
31	.12	—	.45	—	.25	—	.10	.44	—	.52	—	.33		31
TOTAL	5.74	5.09	2.23	2.60	2.79	4.56	3.12	6.59	5.07	4.35	3.27	5.06	50.47	
* Days with .01 in. or more.	28	21	17	14	17	21	13	25	24	19	20	20	239	
* Days with .04 in. or more.	22	17	11	9	13	15	12	23	14	16	13	16	184	

* See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed)

(A.M.)

[P.T.O.]

The East of Mar & Kellie Rd., Elph.

FORM 1090.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 194...

At

In the County of

Rain Gauge
Diameter of Funnel.....in.
Height of Top above Ground.....ft.....in.
Height of Ground above Sea Level.....ft.....in.

Month	Total Depth Inches	Greatest Fall In 24 hours Inches	Date	Number of Days with Rain, in. or .01 in. or more or more	
				*	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

JOHN T. MOLAREN, MAR AND KELLIE ESTATES OFFICE,

ALLOA PARK,

ALLOA.

Hour of observation by the clock—in Winter.....9 a.m.....in Summer.....9 a.m.....

Nearest Railway Station.....**Alloa**.....Distance.....13.00.....gauge.....NW.

Nearest Parish Church at.....**Alloa**.....Distance.....14.00.....gauge.....W.

Nature of objects nearest to gauge.....**Hedge**.....**Well**.....

Height of objects.....**12 ft**.....**14 ft**.....

Distances.....**16 ft**.....**50 ft**.....

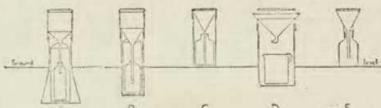
Directions from gauge.....**S.W.**.....**W.**.....

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

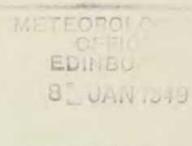


If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

**D** INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash—(not .00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) Where there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

(c) On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | .14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

LONDON: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE: 1946.

Price 1d. net (exclusive of purchase tax).

Section **A** for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

Station No. **5542****REGISTER OF RAINFALL IN 1950**Kept at **(Ardlach.) Rothesayhead.**in the County of **Perth.**Diameter of Funnel of Gauge..... **5** in.Height of top of Gauge above Ground..... **1 ft. 12 in.**Ground Sea Level .. **37.0** ft.**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

'An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.'

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date	
1	in. .06	in. .73	in. .28	in. .35	in. .76	—	in. .01	in. .07	in. .20	in. .08	in. .41	in. .18	†	1	
2	in. .36	in. .81	in. .29	in. .01	in. .23	—	in. .03	in. .40	in. .01	in. .03	in. .02	in. .08		2	
3	in. .22	in. .14	in. .02	in. .01	in. .01	in. .02	—	in. .02	in. .12	in. .94	—	in. .08		3	
4	in. .01	in. .07	in. .01	in. .16	—	in. .02	—	in. .12	in. .34	in. .61	Trace	Trace		4	
5	in. .73	—	—	in. .06	—	—	—	in. .58	in. .16	in. .10	—	Trace		5	
6	in. .07	in. .01	—	in. .15	in. .03	Trace	Trace	in. .01	in. .120	in. .14	—	in. .19		6	
7	in. .29	in. .45	—	in. .95	—	—	in. .09	Trace	in. .57	in. .42	in. .60	in. .02		7	
8	in. .29	in. .65	in. .27	in. .10	—	Trace	in. .26	in. .76	in. .13	in. .78	in. .71	in. .13		8	
9	in. .14	in. .29	in. .01	in. .48	Trace	in. .03	in. .05	in. .23	Trace	in. .95	in. .72	in. .58		9	
10	in. .11	in. .72	Trace	in. .10	—	—	in. .72	in. .30	in. .17	in. .60	in. .05	in. .22		10	
11	in. .31	in. .04	Trace	in. .02	—	—	in. .17	in. .17	in. .91	in. .15	in. .50	in. .01		11	
12	in. .30	—	Trace	in. .01	—	—	in. .01	in. .02	in. .55	in. .23	in. .05	—		12	
13	in. .01	in. .10	—	Trace	—	in. .09	in. .146	in. .02	in. .81	in. .35	—	in. .03		13	
14	in. .58	in. .71	in. .03	Trace	—	in. .01	in. .24	in. .28	in. .43	in. .34	Trace	Trace		14	
15	in. .58	in. .20	in. .46	—	—	in. .01	in. .70	in. .15	in. .02	in. .06	in. .06	in. .05		15	
16	in. .03	in. .19	in. .10	in. .03	Trace	Trace	in. .69	in. .06	in. .190	in. .02	in. .09	in. .03		16	
17	—	in. .76	in. .67	in. .36	in. .46	in. .15	in. .56	in. .12	in. .51	in. .02	in. .02	in. .16		17	
18	in. .01	in. .28	in. .03	in. .01	in. .06	in. .10	in. .13	in. .35	in. .01	in. .01	in. .62	in. .03		18	
19	in. .06	in. .18	in. .04	—	in. .16	—	in. .38	in. .21	in. .48	in. .02	in. .08	in. .36		19	
20	—	in. .06	in. .38	in. .06	in. .17	in. .03	in. .58	in. .54	in. .07	Trace	in. .13	in. .17		20	
21	—	—	in. .01	in. .01	in. .03	in. .37	in. .01	in. .01	in. .02	in. .12	in. .02			21	
22	Trace	Trace	in. .41	in. .02	in. .40	in. .01	in. .11	in. .29	in. .20	in. .01	in. .01	in. .06		22	
23	in. .01	in. .01	in. .07	in. .06	in. .08	Trace	in. .01	in. .17	in. .21	—	—	in. .04		23	
24	—	Trace	in. .01	in. .03	Trace	in. .04	in. .03	in. .125	in. .36	—	—	—		24	
25	in. .01	Trace	—	in. .05	—	in. .09	in. .12	in. .42	in. .13	—	—	—		25	
26	in. .01	—	—	Trace	in. .05	in. .04	in. .23	in. .07	in. .02	—	—	in. .01		26	
27	in. .01	in. .01	—	in. .06	in. .32	in. .05	in. .06	in. .21	in. .05	in. .02	in. .01			27	
28	—	in. .01	in. .01	in. .02	in. .05	in. .79	in. .10	in. .08	in. .25	—	in. .16	—		28	
29	in. .30	—	—	in. .01	in. .03	in. .03	in. .03	Trace	in. .05	—	in. .23	—		29	
30	in. .31	—	in. .08	—	in. .53	Trace	in. .08	in. .36	in. .11	in. .66	in. .12	in. .42	in. .01		30
31	—	—	in. .08	—	in. .14	in. .11	in. .10	—	in. .03	in. .17	in. .17	in. .03			31
TOTAL	in. 5.76	in. 8.42	in. 4.08	in. 4.65	in. 2.58	in. 2.27	in. 7.23	in. 8.87	in. 10.70	in. 7.09	in. 5.05	in. 2.50	Year's Total 69.20		
* Days with .01 in. or more.	in. 24	in. 21	in. 19	in. 25	in. 15	in. 18	in. 27	in. 28	in. 29	in. 24	in. 20	in. 23	(273)		
* Days with .04 in. or more.	in. 16	in. 17	in. 11	in. 14	in. 11	in. 10	in. 20	in. 23	in. 24	in. 18	in. 17	in. 18	in. 194	98.	

* See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.

(Signed) *James Martin Esq.* [P.T.O.] *V. (A.W.)*

FORM 1090.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19...

At

In the County of

Rain Gauge
 Diameter of Funnel.....in.
 Height of Top above Ground.....ft.....in.
 Height of Ground above Sea Level.....ft.

Month	Total Depth Inches	Greatest Fall In 24 hours Inches	Date	Number of Days with 01 in. or more more	
				01 in.	04 in.
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

Mr. S. Main,

Ardloch, Lochmaben, Berth.

Hour of observation by the clock—in Winter 9:00 A.M. in Summer 9:00 A.M.

Nearest Railway Station Lochmaben Distance 1½ miles. Direction N.

Nearest Parish Church at Lochmaben Distance 1½ miles. Direction S.

Nature of objects nearest to gauge Trees Wall Building Hedge.

Height of objects 30 ft 9 ft 20 ft 6 ft

Distances 60 ft 35 ft 40 ft 30 ft

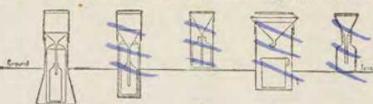
Directions from gauge W N E S.

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

METEOROLOGICAL
OFFICE,
EDINBURGH
4 JAN 1951

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in I above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry on January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be dash—(not .00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) Where there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

(c) On some measures there is graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] 14 would show that the reading on the 18th morning of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

LONDON: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE

Price 1d. net (exclusive of purchase tax)

Section **A** for the entry of Daily Observations
 AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
 FORM 1090

Station No. **55441 ✓****REGISTER OF RAINFALL IN 1950.**

Kept at **DUNIRA GARDENS**
 in the County of **PERTH**

Diameter of funnel of gauge **10.5** in.Height of top of gauge above ground **1** ft **8** in.
 " ground " sea level **200** ft.**THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY**

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	—	.83	.06	—	.47	—	—	.15	.11	.04	.73	.16	†	1
2	.39	.65	.14	.24	.11	—	—	.27	—	—	—	.26		2
3	.19	.35	.04	—	—	—	—	—	.40	.53	—	.04		3
4	—	.05	—	.09	—	—	—	.15	.06	.50	—	.12		4
5	.50	—	—	—	—	—	—	.68	.05	.08	—	—		5
6	.36	.08	—	.16	.05	.05	.01	—	.09	.06	—	—		6
7	.41	.33	—	.15	—	—	.19	—	.57	.17	.46	—		7
8	.25	.39	.06	.18	—	—	.15	.88	.06	.35	.50	.04		8
9	.15	.23	—	.20	—	—	.04	.15	—	.06	.32	.69		9
10	.02	.77	—	.06	—	—	.82	.29	.15	.21	.01	—		10
11	.14	—	—	—	—	—	.04	.05	.42	.08	.44	.10		11
12	.25	—	—	.04	—	—	1.46	—	.24	.43	.04	—		12
13	.03	.06	—	—	—	.26	.04	—	.42	.11	—	—		13
14	.38	.43	.07	—	—	.43	—	—	.08	.11	.08	—		14
15	.21	1.03	.63	—	—	—	1.05	.04	.01	—	.03	—		15
16	.01	.64	1.24	.05	—	—	.23	.04	1.90	.46	—	—		16
17	—	.76	.86	.17	.45	.09	.26	.50	.15	—	—	.19		17
18	—	.30	.07	—	.38	.08	.10	.75	—	—	.26	—		18
19	.21	.14	.05	—	.23	—	.51	.11	.14	—	.12	.69		19
20	—	—	.35	—	.13	.03	.30	.37	.04	—	.13	.42		20
21	—	—	—	.02	.15	.23	—	—	.11	.14	.25	—		21
22	—	—	.68	.01	.14	—	.23	.34	.10	—	—	.08		22
23	—	—	.04	.12	—	—	—	.09	.25	—	—	.02		23
24	—	—	—	—	—	—	—	1.57	.42	—	—	—		24
25	.05	—	—	.08	—	.11	.03	.50	.13	—	—	—		25
26	—	—	—	—	.05	—	.13	.90	.06	—	—	—		26
27	—	—	—	.05	—	.10	.04	.03	.04	.04	.03	—		27
28	—	—	—	—	—	.31	.62	.48	.10	—	.14	—		28
29	.31	—	—	—	—	—	.14	.03	.05	—	.09	—		29
30	.25	—	—	.46	—	—	.55	—	.95	.26	.29	—		30
31	—	—	.02	—	—	—	—	—	.02	—	—	—		31
TOTAL	4.11	1.34	4.08	3.91	2.16	1.69	6.90	7.32	7.66	4.67	3.92	2.81	58.51	
* Days with .01 in. or more.	18	16	14	16	10	10	21	22	24	18	14	12	201	
* Days with .04 in. or more.	15	16	13	14	10	9	19	20	26	17	14	11	184	

* See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) **L.C.W.P. Robertson** [P.T.O.]

FORM 1090.

B Monthly Summary

* * The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 195

At

In the County of

Rain Gauge	Diameter of funnel	in.
	Height of top above ground.....ft.....	in.
	Height of ground above sea level.....ft.	in.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in. / .04 in. or more or more		
			.01 in.	.04 in.	*
JAN.	Inches	Inches	Date	*	*
FEB.					
MARCH					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

MIR. W. P. ROBERTSON
DUNIRA GARDENS, COMRIE, PERTHSHIRE

Hour of observation by the clock—in Winter.....9 AM.....in Summer.....9 AM.....

Nearest Railway Station.....ST. FILLANS.....Distance.....2 MILES.....gauge.....W.....

Nearest Parish Church at.....".....Distance.....".....gauge....."

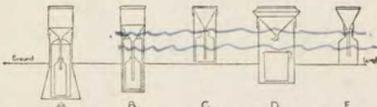
Nature of objects nearest to gauge	Garden wall
Heights of objects	10 ft.
Distances	60 ft.
Directions from gauge	South.

If gauge has been moved during the year state—

Date of move.....Distance.....Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

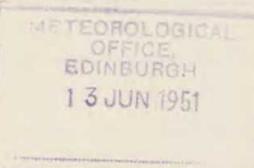


If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

**D** INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or, in the case of Scottish stations, to The Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not .00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes, especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

(c) On some measures there is a graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17/18/19/20 would show that the reading on the

morning of the 18th day in the month was missed and that the reading on the morning of the 19th was .04 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check; the check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .01 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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40-9999

Section A for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Station No. 5041 ✓

FORM 1091.

Kept at Eskdalemuir Observatory
in the County of Dumfriesshire.

Height of top of Gauge above Ground 1 ft. 4 in.

Ground 794 ft. Sea Level. Diameter of Funnel of Gauge 8 in.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. Please read the Notes and Instructions Overleaf

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	mm.	mm.	mm.	mm.	†									
1	9.4	13.6	6.5	21.7	16.5	-	1.6	-	9.5	9.8	8.2	3.1		1
2	8.4	10.4	9.4	0.1	9.4	-	-	3.3	0.7	3.5	3.2	Tr		2
3	5.2	13.2	2.1	Tr	1.0	-	-	0.5	5.0	2.0	Tr	2.8		3
4	2.2	6.6	0.9	5.9	Tr	-	-	0.9	12.6	6.0	0.5	1.4		4
5	12.1	-	0.2	1.6	-	-	-	7.9	0.3	25.0	0.9	Tr		5
6	28.9	Tr	Tr	2.2	Tr	-	Tr	-	46.4	9.3	0.2	5.3		6
7	4.9	7.8	-	29.3	-	-	2.5	-	2.5	0.4	26.2	-		7
8	10.4	1.9	3.8	12.4	-	Tr	0.4	21.7	0.4	12.3	2.5	3.3		8
9	1.3	5.5	0.1	15.4	Tr	0.4	0.1	2.7	Tr	13.1	0.6	23.9		9
10	5.5	9.2	-	6.1	-	Tr	9.4	1.4	32.2	2.4	-	2.3		10
11	2.0	8.5	1.7	0.3	-	-	0.2	12.0	8.4	1.2	11.3	0.4		11
12	4.4	5.4	-	1.6	-	-	0.8	6.8	7.1	4.4	3.5	-		12
13	-	1.4	Tr	5.2	-	4.7	24.3	Tr	12.0	3.3	2.1	-		13
14	5.5	17.6	4.1	-	-	1.7	1.9	11.9	8.5	1.4	-	Tr		14
15	9.3	38.5	7.1	-	-	1.7	11.3	13.1	2.4	-	Tr	-		15
16	-	4.1	20.5	9.8	0.3	8.7	14.2	12.0	27.9	15.8	Tr	1.7		16
17	-	0.8	20.7	2.2	0.8	14.2	0.7	14.2	17.9	0.4	Tr	1.4		17
18	-	6.8	58.2	0.8	2.4	1.8	14.1	3.5	0.5	0.9	6.0	9.0		18
19	0.4	5.7	2.6	-	0.4	0.1	6.5	2.7	14.1	0.8	0.1	5.1		19
20	-	Tr	10.5	1.4	5.2	23.8	9.5	7.5	4.3	-	-	0.8		20
21	-	-	-	-	10.3	1.6	2.3	-	1.8	1.6	23.1	Tr		21
22	0.2	1.2	16.6	5.5	Tr	-	3.2	13.8	3.9	1.5	3.6	1.0		22
23	-	1.3	0.7	4.6	-	-	-	8.9	16.8	0.1	-	0.7		23
24	-	0.6	-	Tr	-	3.6	1.2	16.9	2.8	-	0.1	0.2		24
25	Tr	0.3	-	2.4	-	5.5	1.1	22.9	23.4	Tr	-	-		25
26	Tr	-	-	Tr	0.8	3.0	3.3	10.6	0.7	-	-	0.5		26
27	-	-	Tr	0.4	6.5	17.5	12.2	1.5	11.6	0.5	4.5	0.2		27
28	-	1.4	-	0.4	1.8	32.9	8.5	6.4	1.3	0.2	6.7	Tr		28
29	4.2	X	0.5	5.5	1.8	8.2	0.4	2.9	5.6	-	2.6	Tr		29
30	6.1	X	-	22.0	0.1	2.4	19.4	0.4	28.2	2.3	16.9	Tr		30
31	0.1	X	7.6	X	-	X	3.4	-	X	-5	X	0.4		31
TOTAL	474"	6.37"	6.84"	6.18"	2.26"	5.19"	6.0%	8.16"	12.16"	4.6%	4.8%	2.50"	69.88"	
* Days with 0.2 mm. or more	120.5	161.8	173.8	156.8	57.3	131.8	152.5	206.4	308.8	118.2	122.8	63.5	1774.2	
* Days with 1.0 mm. or more	18	22	18	22	13	16	24	25	29	23	18	19	247	VAD
OFFICE USE ONLY	16	19	14	18	9	15	19	22	24	17	14	12	199	

(144w) * See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

%	88	129	140	182	68	165	(Signed)	C. Edmundson	Suppl.	P.T.O.
	147	158	329	86	83	36		124		

FORM 1091.

B Monthly Summary

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 195.....

At
In the County of

Rain Gauge
 Diameter of Funnel in.
 Height of Top above Ground..... ft..... in.
 Height of Ground above Sea Level..... ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.2 mm, 1.0 mm, or more or more
	Millimetres	Millimetres	Date
JAN.			
FEB.			
MAR.			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
TOTAL			

Signature

* See Instruction 3 (f) below.

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:-

Name and Address to which any inquiry relating to this register should be sent:-

Geological Survey

Hour of observation by the clock—in Winter..... in Summer.....

Nearest Railway Station..... Distance..... Direction from gauge.....

Nearest Parish Church at..... Distance..... Direction from gauge.....

Nature of objects nearest to gauge

Height of objects

Distances ...

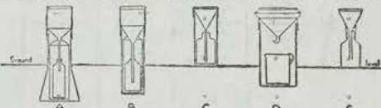
Directions from gauge ...

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or The Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:-

(a) Rain should be measured each morning preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January, 1st is the rainfall for the 24 hours following 9 a.m. on January, 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "xx." is to be made in the two following cases, (A) and (B).

(A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation,

and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is a graduation mark .05; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .05 mark, or between this .05 mark and the 0.1 mark, are to be entered as 0.1 even though they may be nearer to the .05 mark than the 0.1 mark. In this particular case the general rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] 18 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, or 0.9 mm.

(g) If observations are not available for every day during the month, the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Section **A** for the entry of Daily Observations

Station No. **5009/6**

FORM 1090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

REGISTER OF RAINFALL IN 1952

~~Kept at Galloway House~~

in the County of Wigtown

Diameter of funnel of gauge..... 5 in.

Height of top of gauge above ground..... ft. 11 in.

" ground " sea level 30 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

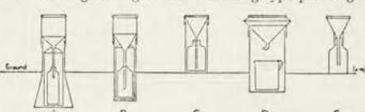
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	.07	.15	.19	-	.04	.23	.19	.06	.08	-	.31	-		1
2	-	.02	-	.01	-	-	-	.61	.59	-	.28	-		2
3	.04	-	.20	-	.22	-	-	.05	-	-	.04	-		3
4	.62	-	.06	.12	-	.35	-	.52	.02	.01	.112	-		4
5	.02	.14	.10	.20	-	-	-	-	-	.03	.13	-		5
6	-	.02	.47	.02	.35	-	.56	.21	-	.04	.09	.09		6
7	.10	.05	.16	-	-	.01	.41	.24	.01	-	-	.23		7
8	.34	-	-	.10	.47	-	-	.69	.40	.05	.28	.43		8
9	.14	.07	-	.19	.09	-	.03	.76	-	.03	.08	-		9
10	.34	.11	-	.03	.11	-	.04	.32	-	-	.01	.10		10
11	.09	-	-	.10	.14	-	-	.19	-	-	-	.27		11
12	-	-	-	-	-	-	.09	.18	-	1.25	.02	.02		12
13	.55	.10	-	-	-	.02	.04	-	-	.18	.04	-		13
14	.02	-	-	.04	-	.02	.09	-	-	-	.24	-		14
15	.09	.02	-	-	-	.01	.05	-	-	-	-	.26		15
16	.19	-	.05	-	-	.28	.19	-	.03	-	-	.43		16
17	.09	-	.02	-	-	.23	.05	-	-	-	-	-		17
18	-	-	-	-	-	.06	.08	-	.07	.20	-	.53		18
19	-	-	.54	.05	-	.18	.11	-	-	.45	-	.20		19
20	-	-	-	.75	.02	.14	.03	-	.26	-	.19	.35		20
21	-	-	.34	-	-	.62	.05	-	.06	.06	-	.59		21
22	.04	.01	.01	.01	-	-	.02	-	.09	.44	-	.31		22
23	.03	.01	.09	.04	-	.02	-	-	.08	.56	-	.22		23
24	-	-	-	-	-	.03	-	.01	.08	.04	-	.14		24
25	-	-	-	.12	-	.02	-	-	.16	-	-	.24		25
26	-	-	-	-	-	-	-	.18	.16	.60	-	-		26
27	.04	-	-	.01	-	-	-	.18	.02	.71	-	-		27
28	.26	.10	-	-	.03	.44	-	.02	.26	.15	-	.02		28
29	-	-	-	-	-	-	.05	-	.06	-	-	.02		29
30	.91	☒	-	.26	-	-	.03	-	-	.11	-	.10		30
31	.04	☒	-	☒	.25	☒	.49	-	☒	.12	☒	.01		31
TOTAL	4.08	.83	2.51	2.05	1.72	2.66	2.60	4.12	3.02	5.03	2.83	4.56	36.01	
* Days with .01 in or more.	20	12	12	16	10	16	19	15	14	19	13	20	188	88
* Days with .04 in or more.	14	7	10	11	8	9	15	13	13	15	11	16	145	

* See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) *[Signature]* *Plotted to top*

[P.T.O.]

FORM 1090.	B	Monthly Summary																																																																																																				
<p>*^{**} The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.</p> <p style="text-align: center;">RAINFALL IN 195.....</p>																																																																																																						
<p>At In the County of Rain Gauge { Diameter of funnel in. Height of top above ground ft in. Height of ground above sea level ft.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2">Month</th> <th>Total Depth</th> <th>Greatest Fall in 24 hours</th> <th rowspan="2">Number of Days with .01 in. or more or more</th> </tr> <tr> <th>Inches</th> <th>Inches</th> <th>Date</th> <th>*</th> <th>*</th> </tr> </thead> <tbody> <tr><td>JAN.</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>FEB.</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>MARCH</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>APRIL</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>MAY</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>JUNE</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>JULY</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>AUG.</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>SEPT.</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>OCT.</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>NOV.</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>DEC.</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TOTAL</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p>If gauge has been moved during the year state— Date of move Distance Direction Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.) If the gauge is of a self-registering or self-recording type please give particulars.</p>  <p>If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—</p> <p style="text-align: center;">NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR</p> <p>In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—</p> <ul style="list-style-type: none"> (a) Is it known that the gauge was empty at the beginning of the measured rainfall? (b) What note was made of the times of beginning and end of this fall? (c) When was the measurement made? <p style="text-align: right;">METEOROLOGICAL OFFICE EDINBURGH</p> <p style="text-align: right;">13 JAN 1953</p>			Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in. or more or more	Inches	Inches	Date	*	*	JAN.							FEB.							MARCH							APRIL							MAY							JUNE							JULY							AUG.							SEPT.							OCT.							NOV.							DEC.							TOTAL						
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Section **A** for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

5220/8 ~~105~~
Station No.**REGISTER OF RAINFALL IN 1951**Kept at **PRESTWICK AIRPORT**
in the County of **AYRSHIRE**

Height of top of Gauge above Ground..... 1 ft. 0 in.

,, Ground,, Sea Level..... 30 ft. Diameter of Funnel of Gauge..... 11.31 in.

Jan. 1, following

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. Please read the Notes and Instructions Overleaf

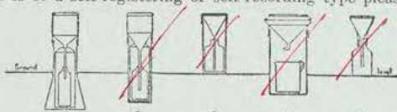
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†	
1	0.7	2.6	0.8	3.0	20.9	—	0.8	—	4.1	—	3.8	7.9		1
2	—	11.3	Tr	0.5	8.6	—	3.8	15.0	Tr	—	—	4.9		2
3	0.7	1.0	Tr	4.9	Tr	—	0	1.0	11.6	—	0.3	6.5		3
4	Tr	3.4	6.6	1.1	0.2	—	—	Tr	4.7	2.3	3.3	1.9		4
5	—	8.9	2.7	Tr	—	—	3.8	—	Tr	—	2.4	3.8		5
6	0.3	0.4	1.3	6.2	—	Tr	3.4	7.0	Tr	—	2.6	0.9		6
7	4.2	0.2	3.6	2.7	1.9	—	4.0	3.0	—	—	Tr	7.9		7
8	—	7.9	Tr	Tr	Tr	—	1.3	0.6	—	—	0.5	5.5		8
9	20.6	Tr	0.3	Tr	—	—	5.7	Tr	Tr	1.8	1.0	1.9		9
10	7.4	—	—	—	—	—	3.9	0.3	0.4	Tr	12.2	—		10
11	4.0	0.1	—	4.9	—	6.2	0.1	0.3	6.4	—	1.4	Tr		11
12	1.6	1.4	—	3.1	—	4.9	9.3	0.5	5.2	—	0.9	0.2		12
13	4.6	Tr	1.7	3.6	—	3.2	Tr	Tr	7.3	—	0.7	1.9		13
14	6.3	Tr	Tr	0.9	—	1.0	—	Tr	2.0	Tr	4.9	1.5		14
15	0.4	—	—	10.8	—	0.1	1.8	0.2	4.6	4.5	7.8	4.8		15
16	18.5	2.0	Tr	1.6	0.5	3.4	Tr	6.3	0.3	0.5	7.4	Tr		16
17	5.8	3.7	0.7	Tr	—	3.2	28	Tr	Tr	0.1	1.9	7.2		17
18	0.8	1.9	2.7	0.5	—	—	1.0	8.8	Tr	Tr	1.1	0.2		18
19	3.4	5.9	—	—	—	Tr	0.4	2.2	—	1.9	11.5	14.4		19
20	0.2	5.9	—	—	1.5	11.2	—	6.3	—	6.4	3.5	—		20
21	4.9	0.7	17.0	—	3.3	1.0	—	4.2	—	Tr	7.6	16.0		21
22	—	Tr	8.9	Tr	—	—	1.7	Tr	2.1	0.4	0.9	0.3		22
23	—	0.7	0.2	Tr	0.5	Tr	—	10.4	1.6	1.8	14.3	8.2		23
24	—	Tr	0.1	0.3	1.0	—	Tr	0.6	8.6	—	2.4	2.2		24
25	2.0	1.8	10.2	0.1	6.2	2.1	0.3	3.9	2.8	—	Tr	2.0		25
26	Tr	1.0	4.4	0.5	Tr	Tr	3.6	5.8	2.0	—	1.8	0.6		26
27	Tr	—	—	Tr	Tr	Tr	0.4	Tr	Tr	—	9.0	9.2		27
28	Tr	—	0.2	0.6	0.9	—	—	9.7	—	Tr	7.3	1.4		28
29	0.3	—	1.8	0.1	Tr	—	Tr	0.6	Tr	Tr	Tr	10.5		29
30	1.3	X	5.3	1.8	—	Tr	Tr	0.1	—	5.1	5.0	17		30
31	0.2	X	2.7	X	—	X	Tr	Tr	X	—	X	4.0		31
TOTAL	88.2	60.8	71.2	47.2	42.5	36.3	42.9	88.2	63.7	24.9	114.9	127.3	809.9	
Days with 0.2 mm. or more	21	18	18	17	11	9	7	21	15	9	26	27	207	V
Days with 1.0 mm. or more	13	14	13	11	7	9	13	13	13	7	21	22	186	X
OFFICE USE ONLY														

(144w) * See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) *C. J. Anderson*

[P.T.O.]

FORM 1091.	B	Monthly Summary																																																																																																					
<p>* * The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.</p> <p>RAINFALL IN 1951</p>																																																																																																							
<p>At In the County of Rain Gauge Diameter of Funnel in. Height of Top above Ground..... ft..... in. Height of Ground above Sea Level..... ft.</p>																																																																																																							
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5061

Section **A** for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
FORM 1090 Station No. **5060/5**

REGISTER OF RAINFALL IN 1952.

Kept at **(Burn Mill) Road, New Selkirk**
in the County of **Selkirk** **Riv. Do., 2 (Ethick)**

Diameter of funnel of gauge.....**5"** in.
Height of top of gauge above ground.....**1** ft. **6** in.
" ground " sea level**350** ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	.64	—	—	—	—	—	—	—	—	—	.76	—	†	1
2	—	—	.24	—	—	—	.14	.29	—	.23	.54	.14		2
3	—	.03	—	.21	—	.02	—	.13	.32	—	—	.11		3
4	—	—	—	—	—	—	—	—	—	—	.63	—		4
5	—	—	.31	—	.04	—	.23	.21	.21	.12	.10	.20		5
6	—	—	—	—	—	—	—	—	—	—	.30	—		6
7	.72	.11	—	.10	—	.21	—	.42	—	—	—	—		7
8	—	—	—	—	—	—	—	—	—	—	—	.14		8
9	—	.26	.42	.12	.11	—	—	—	.13	—	.10	.18		9
10	—	—	—	—	—	.18	—	.23	—	—	—	—		10
11	.11	—	.11	—	—	—	.34	—	—	.24	—	—		11
12	—	.05	—	—	.03	—	—	—	—	—	—	—		12
13	—	—	—	.10	—	.06	.03	—	—	.26	.18	.12		13
14	—	—	.21	.05	—	—	—	.23	—	—	—	—		14
15	.23	—	—	.21	—	—	.38	—	—	—	—	.02		15
16	—	—	—	.14	—	.01	—	.24	.21	—	—	—		16
17	—	.21	—	—	—	—	.25	—	—	.33	.43	.32		17
18	—	—	.03	.10	—	—	—	—	—	—	—	—		18
19	—	—	.10	.09	—	—	—	—	—	.12	—	—		19
20	—	—	—	.24	—	—	.20	—	—	—	—	.11		20
21	—	—	.09	.13	—	.48	—	—	—	—	.44	.04		21
22	—	—	.06	—	—	—	—	—	.42	.44	—	—		22
23	.05	—	—	.62	.53	—	—	—	—	.52	—	—		23
24	—	—	—	—	—	—	—	—	—	.22	.36	.12		24
25	—	—	—	—	—	—	.28	—	—	—	—	.10		25
26	.10	—	—	.50	—	—	—	—	.32	.31	—	—		26
27	—	—	—	—	<u>1.24</u>	—	—	—	.22	—	.12	.03		27
28	—	—	—	—	—	—	—	—	—	.25	—	.07		28
29	.04	—	—	—	—	—	—	—	.32	—	—	—		29
30	—	X	—	—	—	—	—	—	.12	.44	.21	.16		30
31	—	X	—	X	—	X	.25	—	X	—	X	.23		31
TOTAL	1.89	0.66	1.57	2.16	2.40	1.86	1.24	2.61	2.27	3.48	4.17	2.09	26.40	Year's Total
* Days with .01 in. or more.				?					?			?		58.2
* Days with .04 in. or more.														P.R. 58.2

* See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) *John Alexander M. G.* [P.T.O.]
John Alexander Munro

FORM 1090.

B

Monthly Summary

* The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1952

At Burn Mill Roads Yard, Selkirk.....

In the County of ...Selkirk.....

Rain-gauge (Diameter of funnel 5"..... in.
Height of top above ground 1 ft. 6 in.
Height of ground above sea level 320 ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in. or more or more	
			*	*
JAN.	Inches	Inches	Date	*
FEB.				*
MARCH				*
APRIL				*
MAY				*
JUNE				*
JULY				*
AUG.				*
SEPT.				*
OCT.				*
NOV.				*
DEC.				*
TOTAL				

Signature

* See Instruction 3 (f) below.

D

INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or, in the case of Scottish stations, to the Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes, especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

(c) On some measures there is a graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | | 34 | would show that the reading on the

morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. An independent check is of equal importance when the values are copied from the original register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .01 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Wt. 4240/O/3133 K88 2/52 W.H. & S. 668/91

40-999

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
James Jamieson, A.M.I.C.E., County Surveyor,
Selkirk County Council, 3 Albert Place, Galashiels.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Galashiels. Distance 6 miles. Direction from North. Gauge N.B.

Nearest Parish Church at Selkirk. Distance 220 yards. Direction from East. Gauge E.S.T.

Nature of objects nearest to gauge Buildings.

Heights of objects 11 feet above ground.

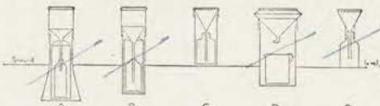
Distances 20 yards.

Directions from gauge West.

If gauge has been moved during the year state:—

Date of move: Distance: Direction: Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

METEOROLOGIST
OFFICE
EDINBURGH

15 JAN 1953

Section	A	for the entry of Daily Observations	Station No.	5041									
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.													
FORM 1091. REGISTER OF RAINFALL IN 1955													
Kept at ESKDALEMOIR in the County of DUMFRIESSHIRE													
Height of top of Gauge above Ground..... ft. + in.													
Ground Sea Level..... 79.4 ft. Diameter of Funnel of Gauge..... 8 in.													
THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY													
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. Please read the Notes and Instructions Overleaf													
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†
1	-	2.0	12.5	-	7.0	-	18.5	-	6.7	Tr	0.1	0.3	1
2	0.1	13.2	-	6.0	0.9	-	0.8	1.0	12.1	4.5	2.7	5.0	2
3	0.6	0.4	-	1.3	14.2	0.4	14.3	-	0.3	-	3.8	2.1	3
4	1.1	-	-	0.6	8.9	0.6	-	-	9.4	0.4	2.4	1.4	4
5	0.1	-	0.1	7.9	25.4	-	-	-	8.0	8.0	0.1	1.1	5
6	-	-	2.4	1.9	1.6	-	-	-	-	0.9	1.9	17.0	6
7	-	10.9	2.1	1.9	-	10.3	-	-	-	0.3	11.4	4.7	7
8	0.2	3.3	1.5	4.5	17.8	0.4	-	-	4.4	7.1	9.8	Tr	8
9	8.7	-	-	4.7	8.8	-	Tr	16.8	13.6	1.2	0.8	19.6	9
10	43.4	Tr	-	1.8	1.4	1.7	-	Tr	1.2	-	4.8	5.4	10
11	-	2.6	-	Tr	1.0	0.8	-	-	8.8	-	7.8	0.2	11
12	2.6	8.2	-	Tr	3.5	2.3	2.8	-	9.1	2.8	Tr	-	12
13	0.1	2.1	Tr	-	5.3	0.7	-	-	5.2	1.8	-	10.6	13
14	1.0	3.1	-	-	0.9	13.3	-	Tr	0.9	8.3	-	15.6	14
15	4.0	-	-	1.3	-	-	-	-	Tr	-	7.2	-	15
16	3.9	0.1	0.2	-	0.1	0.2	-	-	1.4	4.9	-	2.2	16
17	0.2	27.1	-	-	Tr	-	-	7.6	1.4	-	-	0.4	17
18	-	5.3	1.6	-	1.2	-	Tr	1.6	0.2	2.9	-	-	18
19	0.1	0.5	-	-	Tr	-	-	8.0	-	23.8	-	-	19
20	-	0.7	13.3	-	0.6	1.5	-	1.1	-	0.3	Tr	0.6	20
21	7.7	0.6	15.5	-	0.4	-	7.5	17.3	Tr	Tr	-	-	21
22	0.6	0.9	-	-	1.5	5.8	-	1.8	0.8	-	0.2	4.7	22
23	-	2.9	11.1	0.8	2.7	10.9	Tr	-	1.8	-	-	13.0	23
24	2.2	3.6	10.9	-	-	1.4	-	-	9.6	0.3	0.2	5.0	24
25	3.8	-	15.6	4.0	-	1.4	-	-	0.7	2.5	0.1	20.0	25
26	16.8	-	Tr	2.1	-	2.8	-	-	3.2	7.4	0.7	8.0	26
27	11.7	-	Tr	22.6	-	0.4	-	-	Tr	0.4	0.5	15.5	27
28	16.8	1.0	-	1.6	-	20.9	-	-	-	0.2	0.3	29.4	28
29	20.5	X	-	1.6	-	2.1	-	Tr	1.2	1.6	0.6	7.7	29
30	9.6	X	-	0.2	-	-	-	1.3	1.3	-	-	1.2	30
31	3.0	X	-	X	-	X	-	-	X	2.3	X	0.4	31
TOTAL	5.73	3.48	3.42	2.50	4.11	3.07	2.56	1.52	4.67	3.11	1.90	7.81	63.88
* Days with 0.2 mm. or more	16.5	88.5	86.8	63.5	104.5	77.9	65.1	38.7	118.6	78.9	48.2	198.3	114.5
* Days with 1.0 mm. or more	20	18	11	16	19	19	4	9	23	21	15	26	201
OFFICE USE ONLY	16	13	10	13	15	12	3	9	18	14	8	21	15.2
5.73	3.48	3.42	2.50	4.11	3.07	2.56	1.52	4.67	3.11	1.90	7.81	43.88	

(144W) * See Instruction 3 (f) on other side.

† Spare column, no entries required, except year's total.

(Signed) [P.T.O.]

FORM 1091.

B Monthly Summary

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 195

At

In the County of

Rain Gauge Diameter of Funnel in.
 Height of Top above Ground.....ft.....in.
 Height of Ground above Sea Level.....ft.

Month	Total Depth Millimetres	Greatest Fall in 24 hours Millimetres	Date	Number of Days with 0.2 mm. 1.0 mm. or more 1.0 mm.
JAN.				
FEB.				
MAR.				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
TOTAL				

Signature

* See Instruction 3 (f) below.

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or The Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January, 1st is the rainfall for the 24 hours following 9 a.m. on January, 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr." is to be made in the two following cases, (A) and (B).

(A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

C Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

THE SUPERINTENDENT, THE OBSERVATORY,
BICKDALEMUIR, LANGHOLM, DUMFRIESSHIRE.

Hour of observation by the clock—in Winter.....9.....in Summer.....10.....

Nearest Railway Station.....LOCKERBIE.....Distance 18.....Direction from.....SE.....gauge.....

Nearest Parish Church at.....BICKDALEMUIR.....Distance 4.....Direction from.....S.....

Nature of objects nearest to gauge

Height of objects

Distances

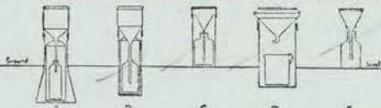
Directions from gauge

If gauge has been moved during the year state—

Date of move.....Distance.....Direction.....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

METEOROLOGICAL
OFFICE
EDINBURGH

17 JAN 1956

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

- (c) On some measures there is a graduation mark .05; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .05 mark, or between this .05 mark and the 0.1 mark, are to be entered as 0.1 even though they may be nearer to the .05 mark than the 0.1 mark. In this particular case the general rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry .05 is not to be made in the register.
- (d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 3.6 | would show that the reading on the 18th morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.
- (e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. An independent check is of equal importance when the values are copied from the original register.
- (f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, or 0.9 mm.
- (g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (h) The heaviest daily fall for each month should be underlined.

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N.Y.R. 28/1/63

Section . A. for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091. **REGISTER OF RAINFALL IN 1958**

Kept at DALCROSS in the County of INVERNESS-SHIRE.

Height of top of Gauge above Ground 1 ft. 1 in.
Ground Sea Level 39 ft. Diameter of Funnel of Gauge 5 in.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date													
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†														
1	—	✓	1-7	—	0-1	Tn	0-4	2-2	—	—	1-2	1-9		1													
2	—	✓	—	Tn	—	—	—	✓	—	1-0	0-5	Tn		2													
3	3-1	3-8	Tn	4-8	✓	—	Tn	✓	—	0-3	Tn	0-7		3													
4	✓	0-6	1-8	0-9	3-8	—	—	2-5	—	✓	6-5	0-2		4													
5	—	2-4	3-4	✓	0-2	9-7	—	—	✓	✓	0-3	—		5													
6	10-0	2-0	6-5	—	0-3	Tn	—	2-4	✓	0-3	Tn	3-0		6													
7	1-9	Tn	0-1	0-2	4-3	—	—	0-6	✓	—	1-7	✓		7													
8	7-1	—	X	3-0	0-3	0-2	Jr.	—	Tn	1-4	✓	0-6		8													
9	0-5	✓	16-2	X	Tn	—	1-0	Tn	✓	Tn	7-0	✓	0-1	9													
10	1-6	0-5	—	—	—	1-3	1-0	✓	Tn	0-7	—	—		10													
11	✓	—	—	—	—	—	2-2	0-9	0-1	Tn	—	2-1	Tn	11													
12	0-6	0-8	—	—	0-1	—	Tn	✓	0-5	—	✓	0-1	0-2	12													
13	Tn	—	Tn	2-8	—	—	✓	0-1	—	0-7	Tn	—	0-5	13													
14	Tn	0-6	—	✓	—	—	Tn	2-4	—	6-3	0-2	✓		14													
15	—	✓	7-5	—	0-4	0-9	✓	6-2	2-3	—	9-1	—	Tn	15													
16	1-0	✓	5-4	—	6-9	0-4	6-7	10-0	—	—	1-8	Jr.	6-5	16													
17	1-2	Tn	—	✓	5-0	2-7	Tn	✓	—	—	—	—	Tn	17													
18	X	Tn	1-2	3-4	—	—	—	0-2	✓	5-2	✓	—	—	18													
19	X	2-7	—	✓	1-4	1-1	Tn	✓	4-7	0-3	✓	Tn	1-0	19													
20	0-4	4-1	—	✓	V	0-1	Tn	✓	0-4	1-0	0-4	1-1	—	20													
21	0-6	0-1	—	—	0-3	✓	12-5	7-6	—	✓	0-3	—		21													
22	3-0	✓	—	—	2-9	0-2	✓	1-5	9-4	—	—	—	—	22													
23	6-0	✓	—	—	1-3	15-2	Tn	0-1	✓	5-3	—	—	—	23													
24	Tn	3-6	—	Tn	✓	4-0	4-0	Tn	✓	7-5	—	—	—	24													
25	✓	2-0	0-6	—	6-3	—	0-9	—	—	0-3	Tn	—	✓	25													
26	✓	8-5	—	✓	1-8	7-5	5-5	✓	6-5	—	—	—	1-7	26													
27	—	3-6	1-3	✓	V	—	8-1	✓	—	3-8	—	—	✓	27													
28	6-6	0-1	1-3	—	1-2	✓	16-5	—	✓	Tn	—	✓	—	28													
29	Tn	X	✓	✓	Tn	—	—	Tn	—	0-2	1-5	✓	—	29													
30	—	X	✓	X	—	11-1	—	1-5	✓	1-1	1-0	Tn	—	30													
31	Tn	X	—	X	—	—	2-2	✓	—	0-1	X	1-5		31													
TOTAL														162-7	57-8	22-14	44-6	61-8	32-4	71-2	80-3	57-9	53-2	19-10	40-5	599-7	
* Days with 0.2 mm. or more														19	19	10	14	16	12	14	23	11	16	12	14	186	
* Days with 1.0 mm. or more														13	12	8	11	9	9	12	18	8	10	7	12	129	
OFFICE USE ONLY																											

(144w) * See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total. (Signed) *Shuttlecock* Meteorological Office [P.T.O.]

FORM 1091

B

Monthly Summary

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 195.....

At

In the County of

Rain Gauge (Diameter of Funnel in.
 Height of Top above Ground ft. in.
 Height of Ground above Sea Level ft.)

Month	Total Depth Millimetres	Greatest Fall in 24 hours Millimetres	Date	Number of Days with 0.2 mm., 1.0 mm., or more or more	
				*	*
JAN.					
FEB.					
MAR.					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature.....

* See Instruction 3 (f) below.

C

Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

SENIOR METEOROLOGICAL ASSISTANT.

DALCROSS AIRPORT, DALCROSS EAST, INVERNESS.

Hour of observation by the clock—in Winter 0900, in Summer 1600.

Nearest Railway Station DALCROSS Distance 2 miles gauge 160° Direction from

Nearest Parish Church at / Distance / gauge /

Nature of objects nearest to gauge CONTROL BUILDING

Height of objects 10 FT.

Distances ... 35 YD.

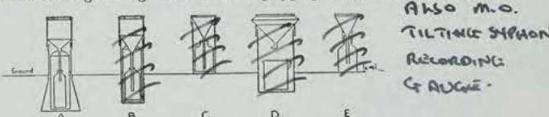
Directions from gauge ... 260°

If gauge has been moved during the year state—

Date of move / Distance / Direction /

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

METEOROLOGICAL OFFICE EDINBURGH

7 JAN 1959

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or The Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m. G.M.T. (or standard synoptic hour nearest 9 a.m. Local Time for overseas stations). The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock (British Summer Time).

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr." is to be made in the two following cases, (A) and (B).

(A) When there is less than .05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail,

sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is a graduation mark .05; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .05 mark, or between this .05 mark and the 0.1 mark, are to be entered as 0.1 even though they may be nearer to the 0.5 mark than the 0.1 mark. In this particular case the general rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 } 3.6 would show that the reading on

the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. An independent check is of equal importance when the values are copied from the original register.

(f) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.0 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8 or 0.9 mm.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Wt. 3262/BJ527 K7 10/53 McC. 860.

Section A for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090 (Card) REGISTER OF RAINFALL IN 1955

Kept at Wigtown Reservoir Inspected 5/10/55

in the County of Dumfriesshire

Diameter of funnel of gauge 5 in.

Height of top of gauge above ground 1 ft. 0 in.

Height of ground above sea level 800 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	0.12	0.25	-	0.32	-	0.25	-	0.56	0.02	0.05	0.02		1
2	-	0.10	-	0.10	-	-	0.46	-	0.16	0.18	-	0.11		2
3	-	-	-	0.18	-	0.96	-	0.05	-	0.10	0.02	-		3
4	0.01	-	-	0.01	0.34	-	-	-	0.36	0.04	-	0.01		4
5	-	-	0.04	0.04	0.04	-	-	-	0.10	0.42	0.06	-		5
6	-	0.13	0.02	0.10	0.01	-	-	-	-	-	0.09	0.11		6
7	-	0.20	0.13	-	0.07	0.06	-	-	-	0.16	0.40	-		7
8	-	-	0.01	0.09	0.11	0.04	-	0.61	0.09	0.02	0.10	0.12		8
9	0.90	-	-	0.07	0.30	-	-	0.02	0.06	-	0.02	0.66		9
10	0.11	-	-	0.08	0.01	0.05	-	-	0.20	-	0.08	0.13		10
11	-	0.08	-	-	0.15	0.19	-	-	-	0.03	0.23	-		11
12	-	0.04	-	-	0.24	0.04	0.02	-	0.09	0.01	0.01	-		12
13	-	0.12	-	-	-	0.29	-	-	0.06	0.13	-	0.05		13
14	-	-	-	-	0.08	0.02	0.06	-	0.05	0.04	-	0.55		14
15	-	-	0.03	-	0.02	-	-	-	0.01	0.02	-	0.14		15
16	0.10	0.03	-	-	0.05	-	-	0.44	0.02	0.09	-	0.03		16
17	0.16	0.04	0.01	-	0.14	-	-	0.02	0.25	-	-	-		17
18	-	0.03	0.12	-	0.01	-	-	0.04	-	0.34	-	-		18
19	-	-	-	-	0.03	0.02	-	0.16	-	0.18	0.03	-		19
20	0.06	-	0.44	-	0.04	0.09	-	-	-	0.03	0.02	0.01		20
21	0.30	0.02	0.12	-	-	0.05	-	0.11	0.19	-	-	-		21
22	-	0.03	0.01	0.09	0.16	0.10	-	-	0.03	-	-	0.44		22
23	0.02	0.03	0.23	0.02	-	0.02	-	-	-	-	0.05	0.56		23
24	-	0.04	0.28	-	-	-	-	-	0.11	0.03	-	0.04		24
25	0.01	-	-	0.03	-	0.11	-	-	0.20	0.45	0.02	0.33		25
26	-	-	-	0.08	-	-	-	-	0.14	-	-	0.42		26
27	0.09	-	-	0.22	-	0.09	-	-	-	0.02	0.01	0.50		27
28	0.01	0.25	-	-	-	0.03	-	-	-	-	-	0.41		28
29	0.15	-	-	-	-	-	-	0.24	0.09	-	-	-		29
30	0.02	☒	-	0.05	-	0.09	-	0.20	0.03	0.06	0.02	0.02		30
31	0.09	☒	-	☒	-	☒	-	0.10	☒	0.04	☒	0.14		31
TOTAL	2.03	1.42	1.40	0.94	2.45	1.29	1.45	2.00	2.95	3.62	1.31	5.13	25.52	
* Days with .01 in. or more.	14	15	13	19	16	5	10	21	20	16	22	18	35	
* Days with .04 in. or more.	9	10	8	10	14	12	4	8	14	12	9	16	129	

*See Instruction 3(f) on other side.

† Spare column, no entries required, except year's total.

(Signed)

John Smith (P.T.O.)

FORM 1090.

B

Monthly Summary

** The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.

(Contd.) RAINFALL IN 1955

At Goldstream Reservoir

In the County of Lanark

Rain-gauge
 $\left\{ \begin{array}{l} \text{Diameter of funnel: } 5 \text{ in.} \\ \text{Height of top above ground: } 1 \text{ ft. } - \text{ in.} \\ \text{Height of ground above sea level: } 300 \text{ ft.} \end{array} \right.$

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with .01 in. or more	Number of Days with .04 in. or more
		Inches	Date		
JAN.	2.03	0.90	9th	14	9
FEB.	1.42	0.35	28th	15	10
MARCH	1.40	0.44	20th	13	8
APRIL	0.97	0.22	24th	13	10
MAY	2.45	0.37	4th	19	14
JUNE	1.29	0.29	13th	16	12
JULY	1.45	0.96	31st	5	4
AUG.	2.00	0.61	8th	10	8
SEPT.	2.85	0.56	1st	21	14
OCT.	2.62	0.45	25th	20	12
NOV.	1.31	0.40	1st	16	9
DEC.	5.13	0.66	9th	22	16
TOTAL	25.52			184	129

Signature

*See Instruction 3 (f) below.

C

Particulars of Station

51681

Every observer is requested to fill in this section and also the space for notes as far as possible :-

Name and Address to which any inquiry relating to this register should be sent :-

Blair Atholl, Perthshire
Tayside, Scotland

Hour of observation by the clock—in Winter 9 am in Summer 9 am.

Nearest Railway Station Blair Atholl Distance 2 miles gauge W

Nearest Parish Church at Blair Atholl Distance 2 miles gauge W

Nature of objects nearest to gauge

Heights of objects

Distances

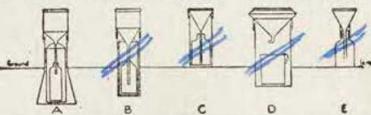
Directions from gauge ...

If gauge has been moved during the year state—

Date of move... Distance... Direction...

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall ?
- (b) What note was made of the times of beginning and end of this fall ?
- (c) When was the measurement made ?

D

INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or, in the case of Scottish stations, to The Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in I above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type :—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not .00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes, especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

(c) On some measures there is a graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] 14 | would show that the reading on the 18th of the month was missed and that the

morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. An independent check is of equal importance when the values are copied from the original register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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40-9999

Section A for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

Station No. 5829/8

REGISTER OF RAINFALL IN 1955

Kept at BURRA ISL. in the County of SHETLAND

Diameter of funnel of gauge in.

Height of top of gauge above ground ft. in.

Height of ground above sea level ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	—	01	15	13	62	—	62	02	30	14	02	09	2.94	1
2	—	07	—	—	03	—	02	—	01	16	18	24	3.27	2
3	—	—	—	—	30	—	—	—	—	02	45	06	1.96	3
4	—	—	—	—	—	—	01	08	—	31	27	2.79	4	
5	07	17	—	29	04	—	—	119	04	34	—	08	2.41	5
6	08	12	02	—	11	—	02	07	—	07	22	11	1.11	6
7	—	—	—	—	03	—	10	—	—	02	36	02	1.06	7
8	28	—	03	67	—	Tue	—	—	—	01	01	11	.78	8
9	27	05	104	11	09	—	—	—	03	—	02	08	3.06	9
10	08	03	—	48	13	—	—	—	57	24	10	03	4.73	10
11	17	29	01	05	16	—	—	—	18	26	07	02	2.18	11
12	—	05	—	01	—	01	—	—	28	30	—	21	4.64	12
13	03	04	04	05	08	—	03	—	08	32	—	34	—	13
14	09	03	05	—	—	34	02	—	—	29	—	15	—	14
15	18	02	03	—	26	Tue	110	—	—	36	—	38	—	15
16	02	24	05	—	10	—	02	24	—	14	—	01	—	16
17	10	51	09	—	120	—	—	02	20	08	08	03	—	17
18	15	16	04	—	11	—	—	—	03	—	01	01	—	18
19	02	24	09	—	09	—	Tue	10	04	62	02	04	—	19
20	—	14	61	—	05	—	05	—	—	09	03	14	—	20
21	17	29	01	11	—	—	—	—	14	—	—	01	—	21
22	—	03	—	04	—	—	—	—	13	—	02	.58	—	22
23	26	—	—	32	—	41	—	—	—	09	—	25	—	23
24	31	—	26	—	—	08	—	—	104	18	—	—	—	24
25	—	—	14	—	—	—	—	—	09	23	10	25	—	25
26	106	—	—	14	—	08	—	05	13	19	14	.06	—	26
27	27	—	—	92	—	—	—	—	102	14	02	.20	—	27
28	111	92	02	—	—	26	—	—	152	.05	—	.19	—	28
29	118	—	—	—	—	—	—	—	—	14	—	.12	—	29
30	107	X	02	—	—	—	01	—	115	01	02	.05	—	30
31	—	X	03	X	—	X	07	08	X	24	X	.51	—	31
TOTAL	291	327	1.96	279	2.41	1.11	1.06	7.8	3.06	4.73	2.18	4.64	30.93	
* Days with .01 in. or more.	23	18	20	11	17	5	11	9	20	26	19	30	2.84	
* Days with .04 in. or more.	18	13	12	11	14	4	5	6	16	22	10	23	1.54	

*See Instruction 3(f) on other side.

†Spare column, no entries required, except year's total.

(Signed) John Christie (P.T.O.)

FORM 1090.

BMonthly
Summary

** The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1955

At BIRKIE ISLE

In the County of KETLAND

Rain-gauge
 Diameter of funnel in.
 Height of top above ground ft. in.
 Height of ground above sea level ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with .01 in. or more .04 in. or more
		Inches	Date	
JAN.			*	*
FEB.				
MARCH				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
TOTAL				

Signature

*See Instruction 3 (f) below.

C

Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible :-

Name and Address to which any inquiry relating to this register should be sent :-

John Christie, Greenhaugh,
Budge End, Lowther

Hour of observation by the clock—in Winter 10 AM in Summer 10 AM

Nearest Railway Station. Distance Direction from gauge

Nearest Parish Church at. Distance Direction from gauge

Nature of objects nearest to gauge

Heights of objects

Distances ...

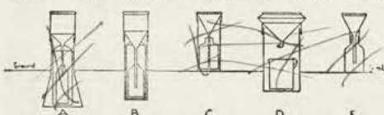
Directions from gauge ...

If gauge has been moved during the year state—

Date of move. Distance. Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address :-

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :-

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

MR FREDERICK STACEY
EDINBURGH**D** INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or, in the case of Scottish stations, to The Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in I above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic* type :—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not .00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the bottle after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes, especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the bottle.

(c) On some measures there is a graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark, or between this .005 and the .01 mark are to be entered as .01 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] 14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. An independent check is of equal importance when the values are copied from the original register.

(f) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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H4951 Wt.3109 K96 9/54 Gp.940

40-9999

Section **A** for the entry of Daily Observations
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION

Station No. 5104/4

FORM 1090

REGISTER OF RAINFALL IN 1959

Kept at ~~Thirladene, Kingsland, Longniddry~~
in the County of East Lothian

Nov. 25th, alt.

Diameter of funnel of gauge 5 in.

Height of top of gauge above ground 1 ft. - in.

Height of ground above sea level 50.95 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Please read the Notes and Instructions Overleaf

Jan. 1, following

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†
1	.19	.01	.02	.04	.04	TR	.01	-	-	-	.02	.01	1
2	TR	TR	.02	TR	.01	-	.52	-	-	-	-	.07	2
3	TR	TR	.12	-	.04	.01	-	-	-	-	-	-	3
4	-	TR	.01	.01	-	.27	-	-	-	-	-	-	4
5	-	TR	.01	-	-	.24	.21	-	-	-	.08	.19	5
6	TR	-	.02	TR	-	TR	-	TR	-	-	.05	.01	6
7	.04	TR	TR	.03	.06	.06	-	-	-	TR	-	.25	7
8	.01	.01	-	.22	-	.01	-	-	-	TR	.14	.01	8
9	TR	.01	-	-	-	TR	-	-	-	TR	.07	.02	9
10	-	TR	-	TR	-	-	-	-	-	-	.01	.03	10
11	.01	TR	.05	.06	TR	-	.02	-	TR	.01	-	.08	11
12	TR	-	-	.01	-	.01	-	TR	.02	TR	.04	-	12
13	-	-	.02	.01	-	-	-	.15	-	.01	.82	.06	13
14	-	-	.01	TR	-	-	-	TR	TR	TR	.32	-	14
15	-	.02	-	.12	-	-	TR	.01	TR	TR	.56	.02	15
16	TR	-	-	.10	.01	-	.02	-	.03	.01	.26	.19	16
17	.05	TR	-	.34	-	.01	.02	-	-	.48	.24	.03	17
18	.11	-	-	-	TR	-	.09	-	-	.05	.46	.02	18
19	.17	TR	-	-	TR	-	-	-	.38	TR	.17	.02	19
20	.03	.01	-	-	.01	-	-	-	.05	.19	.19	.35	20
21	.17	.18	-	-	-	.23	-	.01	TR	TR	.13	.03	21
22	-	TR	.10	-	TR	.33	-	-	TR	-	TR	.21	22
23	-	.02	-	-	-	.14	TR	.05	.05	-	.01	.01	23
24	-	-	TR	.02	-	TR	-	TR	.12	.12	.09	.07	24
25	-	-	-	.18	-	TR	-	-	.02	.27	.12	.09	25
26	-	.01	.04	-	TR	.11	.81	-	.01	.12	TR	.03	26
27	-	.02	TR	.10	-	.09	.64	.14	TR	TR	TR	.09	27
28	-	-	TR	-	-	.44	.03	-	TR	-	TR	.01	28
29	.05	.01	.03	.11	-	.20	.03	.02	TR	.10	.09	.21	29
30	TR	X	.02	.12	.01	.07	-	-	-	-	.26	.02	30
31	TR	X	.01	X	.25	X	-	-	X	.01	X	.39	31
TOTAL	.86	.30	.48	1.49	.44	2.21	2.41	.38	.66	1.39	4.19	3.77	
*Days with .01 in. or more.	10	10	14	14	9	14	12	6	7	12	20	28	156 ✓
*Days with .04 in. or more.	7	1	4	10	4	11	5	3	4	7	17	14	87 ✓

*See Instruction 3(g) on other side.

†Spare column, no entries required, except year's total.

(Signed) John A. Redden (P.T.O.)

FORM 1090

BMonthly
Summary

* * The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 195.....

At _____

In the County of _____

Rain-gauge { Diameter of funnel in.
 Height of top above ground ft. in.
 Height of ground above sea level ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with .01 in. or more or more	
		Inches	Inches	Date	*
JAN.					
FEB.					
MARCH					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature _____

*See Instruction 3 (g) below.

C

INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or, in the case of Scottish stations, to The Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in I above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

- (a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.
- 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash (—). The entry "trace" or "tr." is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer is reasonably certain that there has actually been precipitation since the preceding measurement.
- (B) The observer knows definitely from his own observation that precipitation has fallen since the preceding observation, and yet finds no water in the gauge. Sometimes in dry, warm weather a small amount of rain may evaporate before it gets into the bottle.

(c) On some measures there is a graduation marked .005. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark or between this .005 and the .01 mark are to be entered as .01. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket.

(e) When measurements are obtained by melting snow which has collected in the gauge, observers are asked to indicate this fact by entering a small "s" against the readings. In addition to the total entry for the day and "s", it is helpful to add (a) the amount of water (i.e. actual rain or thawed snow) already inside the gauge; (b) the amount of unmelted snow which had to be converted into water at the time of the observation, and (c) the depth of fresh undrilled snow in inches. This can be added in the form (a).10; (b).20; (c).2. If necessary these details, with the date, can be given in the space available at the foot of Section C or on a separate sheet of paper. This information is valuable in relation to flood investigations.

(f) The arithmetic giving monthly totals from daily values, and values copied from original registers, should be checked.

(g) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(h) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(i) The heaviest daily fall for each month should be underlined.

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Price 3d. net (excluding purchase tax)

N.G.R. 25/108544													5008/3	
Section	A	for the entry of Daily Observations												Station No. 583.
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION													130.	
REGISTER OF RAINFALL IN 1958.														
Kept at (WEST FREUGH)														
in the County of WIGTOWNSHIRE														
Diameter of funnel of gauge. 5 in.														
Height of top of gauge above ground. — ft. 12 in.														
Height of ground above sea level. 50 52 ft.														
THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY													Jan. 1, following	
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.													Please read the Notes and Instructions Overleaf	
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date	
1	—	1.8	Tr	/	/	4.4	0.8	4.0	0.3	3.8	17.3	Tr	1	
2	0.2	—	—	—	—	11.7	—	—	—	1.2	Tr	0.4	2	
3	6.4	1.3	2.5	0.7	—	0.4	Tr	3.6	2.0	20.6	0.4	0.2	3	
4	4.4	11.0	1.0	1.7	Tr	—	Tr	2.6	0.6	8.6	11.4	Tr	4	
5	4.7	0.6	5.7	—	4.3	—	—	0.1	—	0.3	6.0	—	5	
6	4.8	—	0.6	—	—	0.4	—	1.4	13.4	6.6	0.6	0.2	6	
7	3.2	Tr	—	—	4.7	14.2	—	Tr	4.2	0.1	2.1	0.4	7	
8	14.7	18.0	1.2	—	5.8	Tr	—	2.7	—	Tr	0.6	1.8	8	
9	7.3	Tr	2.5	—	2.3	0.2	11.4	—	Tr	4.4	1.2	—	9	
10	7.6	8.8	Tr	0.3	0.1	2.9	—	3.2	—	3.4	Tr	12.6	10	
11	4.5	12.1	9.1	—	3.8	3.4	10.0	0.3	—	—	7.8	12.3	11	
12	—	—	7.8	—	0.5	Tr	9.3	0.6	0.2	16.4	2.2	12.0	12	
13	2.4	8.7	—	—	1.6	—	0.3	14.7	0.2	Tr	0.8	1.5	13	
14	0.2	3.9	—	—	Tr	—	2.5	5.4	0.5	0.5	Tr	—	14	
15	0.1	1.3	—	0.2	0.5	1.0	0.8	4.4	Tr	5.1	2.6	—	15	
16	0.2	0.3	—	2.8	Tr	0.3	6.8	—	—	2.4	0.2	—	16	
17	3.3	—	—	4.4	0.9	—	0.7	Tr	Tr	Tr	Tr	3.3	17	
18	1.8	0.7	—	3.0	0.7	9.5	0.3	11.9	9.7	0.1	—	3.2	18	
19	1.9	2.0	Tr	0.4	0.5	9.3	8.6	0.2	1.8	1.5	1.0	6.6	19	
20	3.7	7.5	—	0.1	2.3	3.4	1.8	Tr	4.1	Tr	3.8	3.9	20	
21	1.3	7.0	—	—	2.1	0.6	0.1	Tr	1.1	—	—	12.3	21	
22	2.9	24.8	—	1.4	11.1	Tr	Tr	0.5	—	0.1	—	7.7	22	
23	—	2.0	—	1.7	12.7	Tr	—	—	15.4	Tr	Tr	✓	23	
24	15.1	Tr	4.7	4.2	2.8	Tr	—	Tr	2.6	—	—	—	24	
25	16.3	—	0.5	1.7	—	12.3	6.2	—	Tr	—	—	✓	25	
26	1.1	0.4	4.2	1.9	0.4	0.3	4.6	9.7	—	—	—	31.2	26	
27	9.6	0.4	0.1	2.1	Tr	2.0	23.4	2.9	5.5	—	—	✓	27	
28	7.1	2.5	Tr	0.1	—	—	2.1	—	25.5	—	—	✓	28	
29	—	X	2.0	—	1.8	0.9	13.5	0.4	2.5	4.2	0.3	✓	29	
30	—	X	0.3	—	—	7.4	4.0	5.2	15.3	—	—	✓	30	
31	—	X	Tr	X	0.2	X	7.2	0.8	X	2.6	X	31.4	31	
TOTAL	4.53	4.54	1.56	1.15	2.20	3.06	4.06	3.39	4.13	3.05	2.42	4.38	38.47	✓
*Days with 0.2 mm. or more	115.2	116.3	39.7	29.2	55.8	77.7	103.2	86.0	104.9	77.5	61.5	111.3	977.3	✓ NP
*Days with 1.0 mm. or more	2.2	2.3	1.2	1.5	1.8	1.9	1.9	2.0	1.8	1.4	1.6	1.3	219	✓
OFFICE USE ONLY	1.9	1.6	9	11	11	12	13	14	13	12	10	17	157	✓ 6459

*See Instruction 3(g) on other side. †Spare column, no entries required, except year's total.

(Signed) *J.M. Stuart S.S.T.O.* Meteorological Office (P.T.O.)

FORM 1091

B

Monthly Summary

* * The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 195.....

At

In the County of

Rain-gauge
 Diameter of funnel in.
 Height of top above ground ft. in.
 Height of ground above sea level ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 0.2 mm. or more	Number of Days with 1.0 mm. or more
		Millimetres	Millimetres	Date	
JAN.					
FEB.					
MARCH					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature *Mr. Stuart. S.S.A.*

*See Instruction 3 (g) below.

C

Particulars of Station

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

METEOROLOGICAL OFFICE, ROYAL AIRCRAFT ESTABLISHMENT.

WEST FREUGH, STRANRAER, WIGTOWNSHIRE.

Hour of observation by the clock—in Winter 0900 in Summer 1000

Nearest Railway Station STRANRAER Distance 4½ miles gauge 323°

Nearest Parish Church at STONEY KIRK Distance 2700 yards gauge 325°

Nature of objects	Thermometer Screen	Control Building	No. 2 Hangar
nearest to gauge			

Heights of objects	5' 4"	20 ft.	30 ft.
--------------------	-------	--------	--------

Distances	12 ft.	30 yds	110 yds
-----------	--------	--------	---------

Directions from gauge ..	010°	050°	183°
--------------------------	------	------	------

If gauge has been moved during the year state—

Date of move / Distance / Direction /

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

NOTES ON SNOWFALL

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to the Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or the Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in *italic* type :—

(a) Rain should be measured each morning preferably at 9 a.m. G.M.T. (or standard synoptic hour nearest 9 a.m. Local Time for overseas stations). The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock (British Summer Time).

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr." is to be made in the two following cases, (A) and (B).

(A) When there is less than 0.05 mm. of water in the gauge and the observer is reasonably certain that there has actually been precipitation since the preceding measurement.

(B) The observer knows definitely from his own observation that precipitation has fallen since the preceding observation, and yet finds no water in the gauge. Sometimes, in dry, warm weather a small amount of rain may evaporate before it gets into the bottle.

(c) On some measures there is a graduation mark .05. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .05 mark, or between this .05 mark and the 0.1 mark, are to be entered as 0.1. An entry .05 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket.

(e) When measurements are obtained by melting snow which has collected in the gauge, observers are asked to indicate this fact by entering a small "s" against the readings. In addition to the total entry for the day and "s", it is helpful to add (a) the amount of water (i.e. actual rain or thawed snow) already inside the gauge; (b) the amount of unmelted snow which had to be converted into water at the time of the observation, and (c) the depth of fresh undrifted snow in inches. This can be added in the form (a) 5.0; (b) 4.0; (c) 2. If necessary these details, with the date, can be given in the space available at the foot of Section C or on a separate sheet of paper. This information is valuable in relation to flood investigations.

(f) The arithmetic giving monthly totals from daily values, and values copied from original registers, should be checked.

(g) The "number of days with 0.2 mm. or more" includes all the days with any rain except those for which the entry is "trace" or 0.1 mm. The "number of days with 1.00 mm. or more" includes all the days with any rain except those for which the entries are trace, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8 or 0.9 mm.

(h) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(i) The heaviest daily fall for each month should be underlined.

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N.G.R. - 18/422494													
Section	A	for the entry of Daily Observations BRITISH RAINFALL ORGANIZATION—METEOROLOGICAL OFFICE—AIR MINISTRY											
FORM 1090 REGISTER OF RAINFALL IN 1958													
Kept at PRABOST SKYE BRIDGE SKYE in the County of INVERNESS													
Drip													
Diameter of funnel of gauge 5 in.													
Height of top of gauge above ground 1 ft. — in.													
Height of ground above sea level 200 ft.													
THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY													
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.													
Please read the Notes and Instructions Overleaf													
Jan. 1, following													
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†
1	—	.07	.01	—	.02	.01	.01	.17	.01	Tr.	.73	.19	1
2	.01	.02	.04	—	Tr.	—	—	Tr.	—	.37	.08	.09	2
3	1.87	.69	.61	—	.02	—	—	.39	—	.27	.01	.04	3
4	1.14	.44	.52	.04	Tr.	—	—	.27	—	.96	.18	.02	4
5	.68	.06 ^s	.13	.02	.39	—	—	.17	.04	.55	.11	—	5
6	.45	.05 ^s	.15	—	.04	—	.01	.25	.31	.70	.10	.07	6
7	.08	Tr.	.40 ^s	.05	1.72	—	.10	.05	.89	.18	.19	.22	7
8	.64	.01 ^s	.33 ^s	.01	.30	—	.13	—	.14	.33	.16	.07	8
9	1.14	.02	.59 ^s	Tr.	.03	—	.11	.21	Tr.	.90	.02	.01	9
10	.64	.84	.59 ^s	—	Tr.	—	.58	.52	—	.56	.06	—	10
11	.09	.45	Tr.	—	.54	.21	.09	.03	—	.17	.63	.18	11
12	Tr.	.78	—	Tr.	Tr.	Tr.	.02	.12	—	1.09	.17	.26	12
13	.33	.03	—	.03	.10	Tr.	.09	.39	.10	.08	.06	Tr.	13
14	.08	.40	—	.03	Tr.	.40	Tr.	.36	.01	.43	.24	.01	14
15	.29	.09	—	Tr.	.10	.02	.07	.26	.02	.30	.08	.02	15
16	.08	.03	—	.33	.01	.08	Tr.	.10	—	.03	.36	—	16
17	.31	.01	—	.29	.26	Tr.	.14	.02	—	Tr.	.02	—	17
18	X S	.16	—	.19	.53	.02	.24	.22	.35	.25	—	—	18
19	X S	.08	—	.22	1.39	.09	.04	.01	.41	.22	Tr.	.08	19
20	X S	.42	.01	Tr.	Tr.	.25	—	.18	Tr.	.28	.15	.46	20
21	X S	Tr.	—	Tr.	.16	—	.08	.01	.49	.12	Tr.	.02	21
22	X S	—	—	.30	.09	Tr.	.18	Tr.	.08	.11	—	.25	22
23	.02	Tr.	—	.44	.63	.29	.02	—	.74	.11	—	.16	23
24	X S	.01	.03	.35	.15	.07	—	Tr.	.88	.10	.14	.01	24
25	.58	.04	Tr.	.29	.32	.01	—	—	Tr.	.03	.02	.65	25
26	.05	.38	.02	.15	.06	.04	—	.13	—	Tr.	.06	.40	26
27	.59	.11	Tr.	.13	.03	.57	Tr.	.25	.01	—	Tr.	.15	27
28	.06	.07	.28	.04	.09	Tr.	.02	.06	.54	.18	.02	.25	28
29	.15	X	Tr.	.05	Tr.	.01	—	.01	.66	.30	Tr.	.48	29
30	.05	X	.04	.01	.08	Tr.	—	.05	.04	.20	Tr.	.44	30
31	.43	X	Tr.	X	Tr.	.06	.04	X	.03	X	.40	—	31
TOTAL	10.89	4.85	3.74	2.97	7.31	1.82	2.17	4.39	6.00	9.02	14.17	4.67	62.00
*Days with .01 in. or more.	28	24	14	19	24	13	19	24	19	27	22	25	258
*Days with .04 in. or more.	26	16	11	14	19	8	14	19	15	24	17	19	202
*See Instruction 3(g) on other side.													
†Spare column, no entries required, except year's total.													
*This figure not included in total since measurement in rain gauge was due to slumping of snow drifts. ✓													
(Signed) C. Murray (P.T.O.)													

FORM 1090

B

Monthly Summary

**The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 195.....

At _____

In the County of _____

Rain-gauge
 Diameter of funnel _____ in.
 Height of top above ground _____ ft. _____ in.
 Height of ground above sea level _____ ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with	
			.01 in. or more	.04 in. or more
JAN.	Inches	Inches	Date	*
FEB.				
MARCH				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
TOTAL				

Signature _____

*See Instruction 3(g) below.

C

Particulars of Station

Every observer is requested to fill in this section as far as possible :

Name and Address to which any inquiry relating to this register should be sent :—

R.M. MURRAY, PRABOST, SKEABOST BRIDGE

near PORTREE, ISLE OF SKYE, INVERNESS-SHIRE

Hour of observation by the clock—in Winter 9am. in Summer 10am.

National Grid Reference 18 408 502

Nearest Railway Station Kyle of Lochalsh	Distance	Direction from gauge
Nearest Parish Church at Skye	Distance	Direction from gauge

Nature of objects nearest to gauge	See diagram lodged with M.O. Edinburgh.
------------------------------------	---

Heights of objects	
--------------------	--

Distances ..	
--------------	--

Directions from gauge ..	
--------------------------	--

If gauge has been moved during the year state—

Date of move _____ Distance _____ Direction _____

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR
In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

OFFICE

EDINBURGH

8 JAN 1959

18/1. '02 ; '14 ; $\frac{1}{2}$ " (9am. 19th) 6/2. Tr; '05 ; 1" (9am. 9th) Rb.
 19/1. '04 ; '32 ; 4" (.. 20th) 7/2. Tr; Nil; $\frac{1}{2}$ " (- 8 $\frac{1}{2}$)
 20/1. '01 ; '14 ; 6" (.. 21st) 8/2. 0 ; '01 ; $\frac{1}{2}$ " (- 9 $\frac{1}{2}$)
 21/1. '01 ; '14 ; 6" (.. 22nd) 7/3. 10 ; '30 ; 23" (9am. 8th mar.)
 22/1. Tr ; '04 ; 5 $\frac{1}{2}$ " (.. 23rd) 8/3. 28 ; '05 ; 3 $\frac{1}{2}$ " (- 9 $\frac{1}{2}$)
 23/1. '02 ; Nil ; 5 $\frac{1}{2}$ " (.. 24th) 9/3. 04 ; '55 ; 7" (- 10 $\frac{1}{2}$)
 24/1. Tr ; Seconde; 4" (.. 25th) 10/3. '14 ; '45 ; 9" (- 11 $\frac{1}{2}$)
 5/2. '02 ; '04 ; $\frac{1}{2}$ " (.. 26th)

D

INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or, in the case of Scottish stations, to The Superintendent, Meteorological Office, 26, Palmeister Place, Edinburgh 12.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in I above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type :—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not .00). The entry "trace" or "tr." is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer is reasonably certain that there has actually been precipitation since the preceding measurement.

(B) The observer knows definitely from his own observation that precipitation has fallen since the preceding observation, and yet finds no water in the gauge. Sometimes in dry, warm weather a small amount of rain may evaporate before it gets into the bottle.

(c) On some measures there is a graduation marked .005. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark or between this .005 and the .01 mark are to be entered as .01. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket.

(e) When measurements are obtained by melting snow which has collected in the gauge, observers are asked to indicate this fact by entering a small "s" against the readings. In addition to the total entry for the day and "s", it is helpful to add (a) the amount of water (i.e. actual rain or thawed snow) already inside the gauge; (b) the amount of unmelted snow which had to be converted into water at the time of the observation, and (c) the depth of fresh undrilled snow in inches. This can be added in the form (a). 10 ; (b). 20 ; (c). 2. If necessary these details, with the date, can be given in the space available at the foot of Section C or on a separate sheet of paper. This information is valuable in relation to flood investigations.

(f) The arithmetic giving monthly totals from daily values, and values copied from original registers, should be checked.

(g) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(h) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(i) The heaviest daily fall for each month should be underlined.

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N.G.R. 36/140914

Section	A	for the entry of Daily Observations METEOROLOGICAL OFFICE—AIR MINISTRY												Station No. <u>5476/8</u>
FORM 1090														Print <u>ABR</u>
REGISTER OF RAINFALL IN 1956.														
Kept at <u>Cowdenbeath Sewage Works.</u>														
in the County of <u>Fife.</u>														
Diameter of funnel of gauge <u>.5</u> in.														
Height of top of gauge above ground <u>1</u> ft. <u>0</u> in.														
Height of ground above sea level <u>390</u> ft.														
THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY														
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. Please read Notes and Instructions Overleaf														
Jan. 1, following														
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date	
1	—	.01	—	.01	—	.08	.01	—	—	.14	.97	.03	1	
2	—	.07	.30	.06	—	Trace	—	.28	.27	.66	.15	.18	2	
3	.21	.14	.42	.17	.01	—	—	—	.01	.22	.24	.78	3	
4	.05	—	.02	.04	.05	—	—	.01	.02	.02	.01	.26	4	
5	—	—	.01	.07	—	.05	1.10	—	—	.18	—	—	5	
6	—	—	—	.12	—	.01	.07	—	.12	—	—	—	6	
7	—	—	—	.02	—	.26	.08	.63	—	—	—	—	7	
8	.01	—	.15	.08	.11	.20	.07	.13	—	—	.01	—	8	
9	—	—	Trace	.08	—	Trace	.08	.12	—	—	.25	.35	9	
10	—	.05	.18	.07	—	.12	.23	.07	—	—	.18	.05	10	
11	.06	.02	.02	.04	.18	.52	.04	.07	—	—	.02	.29	11	
12	.15	.04	.05	.18	.17	.13	.12	.02	—	.01	.03	—	12	
13	.05	.02	.02	.50	2.01	.01	.21	.06	.04	.02	.32	.22	13	
14	Trace	.04	.10	.04	—	.41	.02	—	.21	.06	.07	—	14	
15	—	—	.17	.02	—	.10	.17	—	—	Trace	.21	.12	15	
16	—	—	—	—	.01	.51	—	.27	.01	.16	.02	—	16	
17	.06	.02	.02	—	—	.15	.38	.05	.20	.01	.15	—	17	
18	.05	.02	.02	—	—	.03	.22	.01	.08	—	.03	—	18	
19	.05	.02	.02	—	—	.32	—	.01	.30	—	—	—	19	
20	.03	.10	—	—	—	—	.12	—	.45	.36	—	—	20	
21	.15	.05	—	—	—	—	.16	.32	.06	.43	.10	—	21	
22	.22	—	—	—	—	—	.03	.20	—	.48	.15	.03	22	
23	.02	—	—	.17	—	.03	.02	—	.87	.06	.01	—	23	
24	—	.13	—	.02	—	—	.01	.81	Trace	.20	.11	.08	24	
25	—	.24	—	—	.01	—	—	.29	—	.16	.05	.64	25	
26	—	.35	—	.02	.21	—	.03	.13	—	.14	.01	.28	26	
27	.04	.49	—	—	—	.16	.09	.43	—	.29	.01	.03	27	
28	.16	.01	Trace	—	—	—	.06	.05	.45	.60	—	.01	28	
29	.01	.06	.01	—	—	—	.01	.01	.21	.47	.19	.26	29	
30	1.42	X	.01	.06	—	—	.22	—	.02	.02	.45	.01	—	30
31	.25	X	—	X	Trace	X	.05	.26	X	.04	X	.04	—	31
TOTAL	4.13	2.14	1.72	1.67	2.89	1.97	4.03	4.57	1.88	6.05	4.11	3.59	38.74	
*Days with .01 in. or more.	18	19	14	18	9	13	20	22	15	24	23	23	224	
*Days with .04 in. or more.	15	15	9	13	7	10	18	18	10	19	17	13	164	

*See Instruction 3(g) on other side. †Spare column, no entries required, except year's total.

H. GARDINER, Esq.
(Signed) *H. Gardiner* (P.T.O.)

FORM 1090

B Monthly Summary

* * The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1960.

At

In the County of

Rain-gauge
 Diameter of funnel in.
 Height of top above ground ft. in.
 Height of ground above sea level ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with .01 in. or more or more	
		Inches	Date	*	*
JAN.					
FEB.					
MARCH					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

Signature

*See Instruction 3(g) below.

C Particulars of Station

Every observer is requested to fill in this section as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

H. GARDNER, TOWN HOUSE,
BURGH SURVEYOR,
COWDENBEATH.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

National Grid Reference / 170917.

Nature of objects nearest to gauge	Aeration Tank	
Heights of objects	—	
Distances ..	25 feet	
Directions from gauge ..	E.	

If gauge has been moved during the year state—

Date of move..... Distance..... Direction.....

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR
In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of the beginning and end of this fall?
- (c) When was the measurement made?

NOTES ON SNOWFALL

METEOROLOGICAL
SCHOOL
EDINBURGH
11 JAN 1961

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director General, Meteorological Office, M.O.3b, Air Ministry, Headstone Drive, Harrow, Middlesex, or, in the case of Scottish stations, to The Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 2.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—

(a) Rain should be measured each morning preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not .00). The entry "trace" or "tr." is to be made in the following two cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer is reasonably certain that there has actually been precipitation since the preceding measurement.

(B) The observer knows definitely from his own observation that precipitation has fallen since the preceding observation, and yet finds no water in the gauge. Sometimes in dry, warm weather a small amount of rain may evaporate before it gets into the bottle.

(c) On some measures there is a graduation marked .005. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark or between this .005 and the .01 mark are to be entered as .01. An entry .005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket.

(e) When measurements are obtained by melting snow which has collected in the gauge, observers are asked to indicate this fact by entering a small "s" against the readings. In addition to the total entry for the day and "s", it is helpful to add (a) the amount of water (i.e. actual rain or thawed snow) already inside the gauge; (b) the amount of unmelted snow which had to be converted into water at the time of the observation, and (c) the depth of fresh undriven snow in inches. This can be added in the form (a). 10; (b). 20; (c). 2. If necessary these details, with the date, can be given in the space available at the foot of Section C or on a separate sheet of paper. This information is valuable in relation to flood investigations.

(f) The arithmetic giving monthly totals from daily values, and values copied from original registers, should be checked.

(g) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.

(h) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(i) The heaviest daily fall for each month should be underlined.

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Price 3d. net (excluding purchase tax)

3407/2

REGISTER OF RAINFALL IN 1960														
METEOROLOGICAL OFFICE—AIR MINISTRY													Station No. PS 3407/2	
FORM 1090 (Revised March, 1960)														
X PUMPING STATION, E. R. YORKSHIRE														
in the County of E. R. YORKSHIRE														
Diameter of funnel of gauge 5 in.														
Height of top of gauge above ground 1 ft. 0 in.														
Height of ground above sea level 122.8 ft.														
THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY													Jan. 1, following	
An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.													137 9/2	
Please read the Notes and Instructions Overleaf														
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date	
1	.01	.04	-	-	-	-	-	-	.04	.08	.37	.10	1	
2	-	.21	-	-	-	-	-	.36	.14	.40	.03	.02	2	
3	.02	-	.11	-	-	-	-	.01	.05	.01	.30	.45	3	
4	.01	.06	-	-	.02	-	-	.03	.01	-	.12	.25	4	
5	-	-	-	-	.01	TR	.35	.03	-	TR	.19	-	5	
6	-	.02	-	.09	-	-	.45	-	.03	.02	.25	-	6	
7	.10	-	-	-	-	.12	.02	.09	-	.16	.21	TR	7	
8	.05	-	-	.04	-	.12	TR	TR	-	.61	.13	.23	8	
9	-	-	.25	.14	-	-	.22	.15	.05	1.08	.16	.36	9	
10	.32	.31	.05	.08	-	TR	.37	TR	-	.21	.34	.05	10	
11	.14	.03	.06	-	-	TR	.10	.04	-	.25	.11	-	11	
12	.08	.21	TR	.12	.24	-	.20	-	-	.10	TR	.01	12	
13	.26	.91	.06	-	.45	-	.01	.06	-	.04	.19	.37	13	
14	.24	.01	.13	-	.03	.05	-	.51	.13	.01	.01	.17	14	
15	.05	-	.01	.01	-	.01	-	-	-	.02	.01	TR	15	
16	.37	.01	-	-	.04	-	.24	.13	.30	-	TR	.91	16	
17	.01	-	-	-	-	-	.07	.41	.04	.12	.30	TR	17	
18	.14	.11	-	-	-	.02	.11	.30	-	.01	-	.08	18	
19	.46	.01	-	-	-	-	.21	.01	.36	.84	-	.62	19	
20	.09	-	-	-	-	-	-	.05	.12	.27	.10	.34	20	
21	.16	-	-	-	-	-	.17	.01	.02	.07	.14	.09	21	
22	.01	-	-	-	-	-	.46	.31	.70	.20	.19	TR	22	
23	.10	-	-	-	.01	TR	-	TR	-	TR	.14	.03	23	
24	.34	.39	-	-	-	-	.01	.25	-	.20	.22	-	24	
25	-	.29	-	TR	-	-	-	-	-	.17	.42	.13	25	
26	-	.23	-	.10	.02	-	.02	.01	-	.15	.29	.06	26	
27	-	.20	.02	-	-	-	.07	.09	-	.08	.01	-	27	
28	1.11	-	-	-	-	.03	.47	.38	.05	.19	-	.09	28	
29	.27	.01	TR	-	-	.01	-	.01	.02	.57	-	.17	29	
30	.63	X	.47	.17	-	-	-	-	.01	.27	.02	.93	30	
31	.05	X	.01	X	-	X	-	.10	X	.27	X	-	31	
TOTAL	5.42	1.97	1.15	.76	.82	.36	3.08	3.34	2.07	6.40	4.45	3.76	33.57	
*Days with .01 in. or more	25	14	9	8	8	7	17	22	16	27	24	21	201	
*Days with .04 in. or more	20	9	7	7	3	3	13	15	11	22	19	16	145	

*See Instruction 3(g) on other side. †Spare column, no entries required, except years' total.

Water Engineers (Signed) *[Signature]* (P.T.O.) *[Signature]*

FORM 1090 (Revised March, 1960)	B	Monthly Summary																																																																																									
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<p>At <u>MASHAM MOOR (ARNAGILL BECK WEST)</u> Hour of observation by the clock—in Winter _____ in Summer _____</p> <p>In the County of <u>YORKSHIRE NR.</u></p>																																																																																											
<p>Rain-gauge</p> <table border="0" style="margin-left: 20px;"> <tr> <td>Diameter of funnel</td> <td style="text-align: center;">5 in.</td> </tr> <tr> <td>Height of top above ground</td> <td style="text-align: center;">1 ft. 0 in.</td> </tr> <tr> <td>Height of ground above sea level</td> <td style="text-align: center;">1210 ft.</td> </tr> </table>				Diameter of funnel	5 in.	Height of top above ground	1 ft. 0 in.	Height of ground above sea level	1210 ft.																																																																																		
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Section **A** for the entry of Daily Observations
METEOROLOGICAL OFFICE—AIR MINISTRY

Station No. 08-244944

FORM 1090
(Rev. Feb. 1961)**REGISTER OF RAINFALL IN 1962**
~~SEWAGE DISPOSAL WORKS.~~ East Barnet S. Wks.

Kept at.....

in the County of..... HERTFORD

Diameter of funnel of gauge..... 5 in.

Height of top of gauge above ground..... 1 ft. 0 in.

Height of ground above sea level..... 137 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph. • Please read Notes and Instructions Overleaf

2 JAN 1963

TQ(51)284938

Jan. 1, following
97.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
1	in. 1	in. 03	in. 19	in. 12	in. 12	in. 01	in. 01	in. 01	in. 01	in. 79	in. 31	in. 18	in. 01	1
2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
3	.01	-	-	.12	-	-	-	.14	-	-	.01	-	-	3
4	-	.04	.03	.31	.18	-	-	-	.60	-	.26	-	-	4
5	.01	.01	-	.02	.10	-	-	-	.23	-	.06	-	-	5
6	-	.03	-	.01	-	-	-	.19	.18	-	.03	-	-	6
7	.03	.09	-	.15	.05	-	-	.03	-	-	.16	-	-	7
8	.05	-	.16	.42	.01	-	-	-	-	-	TR	.37	-	8
9	.24	-	.08	-	TR	-	.23	.14	-	TR	.09	.01	-	9
10	.34	-	.33	.03	.09	.06	.21	-	.12	TR	.04	TR	-	10
11	.22	-	-	-	-	-	.12	.03	.15	-	-	.13	-	11
12	-	.27	-	-	-	-	-	-	.02	-	-	.25	-	12
13	-	-	-	-	-	-	.17	-	-	-	-	TR	-	13
14	-	-	-	.01	-	.46	.34	.04	-	.05	.02	-	-	14
15	.27	.02	-	TR	.02	-	.07	.19	.01	-	-	-	-	15
16	.13	.01	-	.02	-	-	-	.22	.03	-	.10	-	-	16
17	.34	-	-	.05	TR	.01	-	-	-	-	.18	.02	-	17
18	.13	-	-	.19	.09	.10	.08	-	TR	-	.10	-	-	18
19	.05	-	-	.01	.09	-	.01	-	-	-	-	.07	-	19
20	.21	-	-	.02	.25	.04	.07	.03	-	-	.22	.36	-	20
21	.92	-	-	.34	.07	-	.60	.03	-	-	-	-	-	21
22	-	-	-	-	-	-	.03	-	-	-	-	-	-	22
23	.24	-	.06	.04	.01	-	-	.09	-	-	.14	-	-	23
24	.05	-	-	-	-	-	-	-	-	.04	.01	-	-	24
25	-	.05	.14	-	-	-	.65	-	.37	.48	TR	-	-	25
26	.04	-	.02	-	.09	TR	.09	.06	.06	.33	TR	.41	.1	26
27	-	-	-	-	.09	-	-	-	.02	.01	TR	.07	-	27
28	-	.01	.52	-	.05	.17	-	-	.31	.06	-	-	-	28
29	-	X	.13	-	.03	-	-	-	.66	.33	-	.40	-	29
30	.15	X	.05	-	-	.01	.01	-	.15	TR	-	.10	-	30
31	.16	X	.02	X	-	X	-	-	X	.03	X	.06	-	31
TOTAL	3.59	.56	1.54	2.04	1.23	.39	3.81	2.49	2.95	2.04	1.94	2.27	Year's Total 24.85	88
*Days with .01 in. or more.	3	6	3	6	5	2	4	4	4	2	3	3	.45	
*Days with .04 in. or more.	16	5	8	10	11	4	11	8	11	6	14	10	114	

*See Instruction 3(g) on other side.

†Spare column, no entries required, except year's total.

X East Barnet U.D.C X (Signed) Matthew

(P.T.O.)

FORM 1090 (Revised Feb. 1961)	B	Monthly Summary	JAN 1963	C	Particulars of Station	02 - 283327																																																																																																						
<p>RAINFALL IN 1962</p> <p>* * * The following register of monthly totals, etc., is NOT required if daily or weekly values are given on the other side.</p>																																																																																																												
<p>At <u>Basil D. Toms, Shandown Manor House, East Horsley, Leatherhead, Surrey</u></p> <p>In the County of <u>East Horsley</u></p> <p>Rain-gauge { Diameter of funnel <u>5</u> in. Height of top above ground <u>1 ft.</u> — in. Height of ground above sea level <u>about 280 ft.</u></p>																																																																																																												
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<p>1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director-General, Meteorological Office, M.O.3b., London Road, Bracknell, Berkshire or, in the case of Scottish stations, to the Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh, 12, and, for stations in Northern Ireland to, The Senior Meteorological Officer, Meteorological Office, Tyrone House, Ormeau Avenue, Belfast, 2.</p> <p>2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers", to be obtained gratis from the addresses given in 1 above.</p> <p>3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form above are printed in italic type:—</p> <p>(a) Rain should be measured each morning preferably at 9 a.m. Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.</p> <p>(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not .00). The entry "trace" or "tr." is to be made in the following two cases, (A) and (B).</p> <p>(A) When there is less than .005 in. of water in the gauge and the observer is reasonably certain that there has actually been precipitation since the preceding measurement.</p> <p>(B) The observer knows definitely from his own observation that precipitation has fallen since the preceding observation, and yet finds no water in the gauge. Sometimes in dry, warm weather a small amount of rain may evaporate before it gets into the bottle.</p> <p>(c) On some measures there is a graduation marked .005. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this .005 mark or between this .005 and the .01 mark are to be entered as .01. An entry .005 is not to be made in the register.</p> <p>(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket.</p> <p>(e) When measurements are obtained by melting snow which has collected in the gauge, observers are asked to indicate this fact by entering a small "s" against the readings. In addition to the total entry for the day and "s", it is helpful to add (a) the amount of water (i.e. actual rain or thawed snow) already inside the gauge; (b) the amount of unmelted snow which had to be converted into water at the time of the observation, and (c) the depth of fresh undrilled snow in inches. This can be added in the form (a). 10; (b). 20; (c). 2. If necessary these details, with the date, can be given in the space available at the foot of Section C or on a separate sheet of paper. This information is valuable in relation to flood investigations.</p> <p>(f) The arithmetic giving monthly totals from daily values, and values copied from original registers, should be checked.</p> <p>(g) The "number of days with .01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with .04 in. or more" includes all the days with any rain except those for which the entries are trace, .01, .02 or .03.</p> <p>(h) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.</p> <p>(i) The heaviest daily fall for each month should be underlined.</p>																																																																																																												
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