

Daily Rainfall form double-sided versions

"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"

Con. in Feb & July to
Arch. ✓ wet day. Red. M.C. FOR OFFICIAL USE.

AIR MINISTRY.
METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1924.

FORM 1090. Kept at Beith Filtering Station. Lat. 55° 44'. Long. 4° 33'. Time of Observation 12 NOON. Nearest Railway Station 1½ Miles. Diameter of Funnel of Rain Gauge 5 in. METEOROLOGICAL OFFICE GROUND 6 ft. in. "EDINBURGH" Sea Level 125 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	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	00	02	00	04	00	29	05	00	63	8
9	09	10	00	20	06	10	00	00	14	20	00	02	9
10	20	00	00	09	30	00	08	11	15	06	00	10	
11	15	03	00	00	00	14	50	12	02	05	00	00	11
12	09	00	00	03	00	00	06	04	05	00	00	62	12
13	19	00	00	00	00	00	04	20	00	02	00	00	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	17	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	04	00	24
25	17	00	00	30	10	10	00	04	00	09	05	83	25
26	28.	05	00	20	20	14	00	22	00	00	34	96	26
27	06	00	00	09	50	14	03	10	00	16	23	08	27
28	13	20	00	00	00	16	16	53	12	33	01	20	28
29	04	00	00	06	10	09	04	15	74	50	20	34	29
30	08	X	00	00	02	04	20	12	00	19	09	19	30
31	06	X	00	00	X	00	54	21	X	16	X	04	31
TOTAL	5'46	141	154	2'63	4'42	3'07	4'83	3'74	5'29	3'70	4'98	6'57	
Days with 1/4 in. or more	26	14	6	14	27	21	23	22	24	19	14	25	(23.8)
Days with 1/8 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 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, 10, Rothesay Place, Edinburgh.

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

- Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be taken on January 1st; it is therefore the amount measured 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 1st.
- 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 falling from the side 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, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This may happen sometimes when the dry weather continues without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- On some measurements there is graduation marked .005; this graduation is to show the limit between the amounts which count as rain and those which are mere "traces." An entry .005 is not to be made in the register.
- If the morning observations have been made for any or most of the days covered by the next reading should be indicated by a bracket. Thus 17/1, 18/1, 19/1 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 day of the month was taken.
- 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 "total number of days with .01 in. or more" includes all the days with any rain except those for which the entry is a "trace."
- 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.

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 ½ inch in 20 minutes or 1 inch in 1 hour) the following details should be stated :

- 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 rainfall?
- When was the measurement made?

NOTES.

10th January 3" of Snow
11 do do 4" do do
12 do do 4" do do
13 do do 1½ do do
14 do do 1½ do do
4 March 1½ do do
10 April 2" do do
4 May slight fall
31 December Terrible storm of winds from the South West

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(*651) WL 16658-11112 10.000. 1224. T.S. 128.

Travelling Form. 5689/1 59a

For Official use.

AIR MINISTRY.

FORM 1091. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION. County No. River Div.
REGISTER OF RAINFALL IN 1931. Station No. 150

Kept at Rain (Golfhouse). Lat. _____ Long. _____
in the County of Rain. Nearest Railway Station _____
by 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	.	1.3	0.1	0.3	2.5	-	4.6	5
6	-	1	1.2	.	-	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	1.3	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	1.7	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	1	8.9	-	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	-	1.9	.	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	8.4	1	.	0.7	1	25
26	3.4	0.2	1	4.3	3.7	1	3.7	.	.	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	1.7	-	.	12.2	2.3	0.4	.	.	1	0.8	3.2	.	28
29	1.7	-	.	.	0.5	0.8	.	1.4	3.7	1	2.4	.	29
30	1.7	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	2683
TOTAL	(3.4)	1.6	1.3	1.5	1.5	1.5	1.4	1.9	2.1	2.0	1.4	1.0	
Days with 1/2 mm. or more.	79.8	47.2	34.9	39.5	63.1	80.2	112.0	50.2	32.3	52.3	37.4	27.3	
(22)	22	13	17	15	16	22	15	17	16	11	14	20.0	
Days with 1 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 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, 10, Rothesay Place, Edinburgh.

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

- 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 on the morning observation, in transferring from their original form of measurement to this Form A note should also be made on this form stating what the hours of measurement are.)
- 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):

 - 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.
 - 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 water having been absorbed by the soil.

- 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.
- 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 "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."
- 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.

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:

- 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 rainfall?
- When was the measurement made?

NOTES.

*The gauge was moved from Delnies
on the 27th January 1931 + the height changed.
from 82 to 20ft + no variation in readings
occurred. Telephone message for Mr. Neuman
2/3/32*

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1924. Wt. 165g.—1113. 560. 1224. T. 8. 128.

* See case 108A File 660628/26

AIR MINISTRY.
FORM 1090. METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.
REGISTER OF RAINFALL IN 1926.

Kept at (Amblaind Felters) Lat. 55° 50' N. Long. 2° 30' E.
in the County of Ayr.
by William Dunbar

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
1	16	00	05	06	00	17	00	00	00	134	25	29	1
2	29	08	10	02	00	00	00	00	00	08	06	41	2
3	00	01	39	47	00	00	00	00	00	02	07	45	04
4	04	00	03	00	66	00	00	00	00	06	00	69	18
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	16	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	126	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	131	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	132	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	507	345	261	307	268	460	430	444	592	491	348	6051
Days with 1/16 in or more	27	21	18	20	20	12	15	18	21	21	25	23	241
Days with 1/4 in or more	24	19	14	13	17	12	12	14	17	18	19	21	200

REGISTER OF RAINFALL.

INSTRUCTIONS.

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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) Total rainfall should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (no 00). The entry "trace" or "tr" is to be made in the two following cases:
 - (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 falling from the sides of the can after emptying the rainwater out of it at a previous time of observation. I.e., the observer finds that it is still wet when he visits the gauge.
 - (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 may be the case when the weather is dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it can collect in the 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 the morning of the 18th 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

METEOROLOGICAL
OFFICE
EDINBURGH
3 FEB. 1927

LONDON:

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:

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**Wt. 23017-1884 1,000 12/24 T.S. 128.

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

AIR MINISTRY.
METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.
Register of Rainfall in 1925.

Kept at **Gartmore House Gardens** in the County of **Perth** *(X) - wet day*

Diameter of Funnel of Gauge **5** in.
Height of top of Gauge above Ground **1 ft.** in.
Ground 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.

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.	.05 N.			4
5	.23	<i>1/2 Sun</i>	T.	.38	.24	.23	N.	.30 N.	T.	N.	N.		5
6	.14	.03	N.	.04	.03	.18 N.	.10	.02 N.	N.	.06	.03		6
7	.05	.72	-09 T.	N.	N.	N.	.64	.11 N.	.01	.36			7
8	.58	.102	N.	.08	.32 N.	N.	.46	.23 N.	N.	.39			8
9	T.	.53	N.	.09	.04 N.		.05	.10	.39 N.	N.	.44		9
10	.06	.33	.12 N.	.24 N.	N.	N.	T.	N.	N.	.01			10
11	T.	.09 N.	.01	.52 N.	N.	N.	.95	.02 N.	N.	N.			11
12	.01	.22	.05	.24	.25 N.	.01	.38 N.	.18 N.	N.	N.			12
13	.45	.19	.09	.22 T.	.02 T.	.02	T.	.08	.09 N.	N.	N.		13
14	.10	.24	T.	.123 N.	N.	N.	.21 N.	.03 N.	.01	.02			14
15	.03	.09	.01	.82	.09 N.	N.	.14 N.	.32	.13				15
16	.12	.02	.04	.01	.49 N.	N.	.33 N.	N.	.65 T.	.03			16
17	.41 N.	.01	.83	.29 N.	N.	N.	.68 N.	.48	.05 N.	.04			17
18	T.	.04	.03	.02 N.	N.	N.	.03 N.	.29	.06 N.	<i>5 Sun</i>			18
19	.01 N.	N.	N.	.29	.01	N.	.08 N.	.23	.12 N.	<i>4 Sun</i>			19
20	.01 N.	.02 N.	.23 N.	N.	.01	.146	.40	.65 N.	<i>1 Sun</i>				20
21	N.	.09 N.	.41 N.	N.	N.	N.	.01	.04	.13 N.	<i>1 Sun</i>			21
22	.18	<i>1/2 Sun</i>	.02	.97 N.	N.	N.	.12	.03	.34	.14 N.	<i>2 Sun</i>		22
23	.14	<i>1/2 Sun</i>	.11	.36	.32 N.	N.	.28 T.	.16 N.	<i>1/2 Sun</i>	.89			23
24	T.	.16 T.	.06	.59 N.	N.	N.	.04 N.	.02 N.	N.				24
25	N.	.25 N.	.02	.04 N.	N.	N.	.20 N.	.39	.15 N.	.24			25
26	N.	.44 N.	.02	.122 N.	N.	N.	.05	.36	.01	.69 N.	.41		26
27	.04	.04 N.	.01	.63 N.	N.	N.	.05	.04	.19 N.	.32			27
28	.102	.01	.04 N.	.45 N.	N.	N.	.01	.10	.32	.28	.04		28
29	.37	.04	.03	.66	.71 N.	N.	.01	.04	.44	.10	.30		29
30	.16	X	.49	.01	.129	.03 N.	N.	.03 N.	.04	.03	.15		30
31	.30	X	.04	X	.122	X	.03	.06	X	X	N.		31
TOTAL	8.00	222	246	7.44	9.53	.89	2.005	7.63	9.64	9.2	4.36	YEARS TOTAL 33.65	
Days with 1 in or more.	24	24	16	24	26	8	16	20	21	18	11	21	229
Days with .05 in or more.	20	22	12	14	24	5	10	15	16	15	4	14	144

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

FOR OFFICIAL USE.

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 **Perth**

Diameter of Funnel **5** in. Height of top of Gauge above Ground **1 ft.** in. Height of Ground above Sea Level **160** ft.

If gauge has been moved during the year state Date of move Distance Direction

Nature of object nearest to gauge **Range of Glass Houses**

Heights of object **12 ft.**

Distances ... **34 ft.**

Directions **R. and S.W.**

Indicate pattern of gauge in use by drawing 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.)

A 
B 
C 
D 

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?

METEOROLOGICAL OFFICE EDINBURGH
26 JAN. 1926

D INSTRUCTIONS.

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

2. In filling up the register on the reverse side the following rules should be observed, the rules which apply also to the summary form above are repeated 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, except when the observation is made 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 the rainfall for the 24 hours ending 9 a.m. on January 2nd.

(b) Readings should be recorded every morning without exception. When there has been no precipitation the entry in the register should be "0" or "000." It is not necessary to use "0" or "000" 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 rain or snow fall, then the observer can empty 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 been absorbed by the soil. In this case the observer should record the rainfall for the 24 hours ending 9 a.m. on the 18th day of the month was missed and that the reading on the morning of the 19th was .14 in.

(c) The total rainfall for the month is found by addition. The addition should always be done round to one decimal place. The check is of special importance when the total has already been found in another copy of the register.

(d) The month of April is the month in which "exceptional" days occur. This means that the month includes all the days with any rain except those for which the entry is "trace."

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

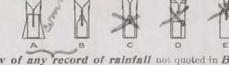
The daily rainfall for each month should be underlined.

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Printed under the authority of His Majesty's Stationery Office by JAS. TRUSCOTT & SON, LTD., Suffolk Lane, Cannon Street, E.C.

(P.T.O.)

Section A	for the entry of Daily Observations.	4390	FOR OFFICIAL USE.										
METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.			4390										
Register of Rainfall in 1920.													
Kept at <u>RENFREW AERODRONE</u> in the County of <u>RENFREW</u>		Observers are requested to read the instructions printed overleaf before filling in this form.											
Diameter of Funnel of Gauge 8 in.	Height of top of Gauge above Ground 1 ft. 0 in.	Ground Sea Level 36 ft.	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 Inches should be entered on Form 1090.													
Jan. 1, following. D 1													
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	159	10	0.2	0.1	-	-	-	49	-	Trace	7.2	-	1
2	75	TT	-	0.4	-	-	36	3.4	-	Trace	6.6	-	2
3	65	02	23	TT	TT	-	0.3	1.4	-	1.4	0.1	0.2	3
4	24	0.1	03	TT	-	-	17.4	1.8	1.5	8.8	-	-	4
5	4.2	-	14.1	-	-	-	0.3	-	TT	3.7	-	0.4	5
6	59	-	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	-	17.7	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	-	17.3	-	2.5	12.4	33.1	11.6	0.3	Trace	17
18	2.1	TT	-	-	2.5	TT	0.2	12.1	4.8	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	-	4.7	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	14.1	10.6	0.2	21
22	0.8	-	0.4	1.8	-	0.9	1.0	1.8	9.2	14.4	6.0	2.2	22
23	-	TT	TT	2.0	-	13.2	-	4.1	2.6	4.6	Trace	4.7	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	-	2.2	8.0	0.3	-	0.2	-	14.0	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
32	5.55	2.4	8.70	1.17	1.61	2.21	4.66	4.83	3.60	5.98	4.94	4.82	Total
TOTAL	100.9	6.1	78.7	29.8	41.0	68.9	13.4	122.4	91.4	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 1 mm. or more.	21	2	11	7	Y	10	14	14	11	22	15	13	150

4390 FORM 1091.		Monthly Summary.																																																									
		C	Particulars of Station.																																																								
<p>The following register of monthly totals, &c., is required if daily or weekly values cannot be given on the other side.</p>			* 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.																																																								
RAINFALL IN 192... <small>NOTE.—Records taken in inches should be entered on Form 1090.</small> At BENEFREW, NEWTOWN In the County of BENEFREW . Diameter of Funnel... 8 ...in. Height of Top above Ground... 1 ft. 0 in. (Height of Ground above Sea Level)... 36			Name and Address to which any correspondence relating to this register should be addressed. THE METEOROLOGICAL OFFICES, BENEFREW, AERODROME Latitude of station... 55° 20' N. Longitude... 4° 24' W. Hour of observation... 9 A.M. Nearest Railway Station... BENEFREW Distance... 1 mile Direction... N.E. Nearest Parish Church... BENEFREW Distance... 1 mile Direction... N.E.																																																								
<small>(See Diagram)</small>			If gauge has been moved during the year state— Date of move... Distance... Direction...																																																								
<table border="1"> <thead> <tr> <th>Month.</th> <th>Total height,</th> <th>Greatest Fall in 24 hours</th> <th>Number of Days with 0.2 mm. or more</th> </tr> </thead> <tbody> <tr> <td>JAN.</td> <td>140.0</td> <td>22.3</td> <td>25 0</td> </tr> <tr> <td>FEB.</td> <td>6.1</td> <td>4.2</td> <td>11 5</td> </tr> <tr> <td>MAR.</td> <td>78.9</td> <td>15.4</td> <td>16 20 11</td> </tr> <tr> <td>APR.</td> <td>24.8</td> <td>8.0</td> <td>24 10 V</td> </tr> <tr> <td>MAY</td> <td>41.0</td> <td>14.3</td> <td>17 12 4</td> </tr> <tr> <td>JUNE</td> <td>68.9</td> <td>14.4</td> <td>21 14 10</td> </tr> <tr> <td>JULY</td> <td>113.4</td> <td>33.1</td> <td>29 17 14</td> </tr> <tr> <td>AUG.</td> <td>122.1</td> <td>22.2</td> <td>20 24 14</td> </tr> <tr> <td>SEPT.</td> <td>91.4</td> <td>33.1</td> <td>17 14 11</td> </tr> <tr> <td>OCT.</td> <td>151.9</td> <td>17.9</td> <td>12 27 22</td> </tr> <tr> <td>NOV.</td> <td>185.6</td> <td>29.6</td> <td>7 17 15</td> </tr> <tr> <td>DEC.</td> <td>104.7</td> <td>19.0</td> <td>28 21 13</td> </tr> <tr> <td>Total</td> <td>1075.1</td> <td>209.150</td> <td></td> </tr> </tbody> </table>			Month.	Total height,	Greatest Fall in 24 hours	Number of Days with 0.2 mm. or more	JAN.	140.0	22.3	25 0	FEB.	6.1	4.2	11 5	MAR.	78.9	15.4	16 20 11	APR.	24.8	8.0	24 10 V	MAY	41.0	14.3	17 12 4	JUNE	68.9	14.4	21 14 10	JULY	113.4	33.1	29 17 14	AUG.	122.1	22.2	20 24 14	SEPT.	91.4	33.1	17 14 11	OCT.	151.9	17.9	12 27 22	NOV.	185.6	29.6	7 17 15	DEC.	104.7	19.0	28 21 13	Total	1075.1	209.150		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.) 
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<i>Signature.</i> <u>Mr. T. J. D. Price</u>			NO. 7 26 JAN 1931																																																								
D INSTRUCTIONS.			<p>1. Advice as to the selection of the site for a雨量計, 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>In filling up the register on the reverse side the following rules should be observed:—the values which apply only to the summary form above are given in <i>italic type</i>.</p> <p>(a) Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement may be credited to the day on which it begins, or to the day on which it ends, according to the time of observation. That is to say for January 1st is the rainfall for the 24 hours following the 12 hours of January 1st; it is the rainfall for January 2nd for the 24 hours ending January 2nd.</p> <p>(b) Thermometer should be visited every morning without exception. When there has been no precipitation the entry "no rain" or "nr" is to be made in the two following cases, (A) and (B). (A) When there is less than 0.6 mm. of water in the gauge and the observer knows that there has been no rain since 4 a.m. the morning of the day before the reading is taken. (B) When there is less than 0.6 mm. of water in the gauge and the observer knows that there has been no rain since 4 a.m. the morning of the day before the reading is taken, and further that the rainwater drawn off 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 rain since the last reading made.</p> <p>If the observer knows that the precipitation has been in the form of dew or misting during the night, the entry "trace" or "tr" is to be made in the two following cases, (A) and (B). (A) When there is less than 0.6 mm. of water in the gauge and the observer knows that there has been no rain since 4 a.m. the morning of the day before the reading is taken. (B) When there is less than 0.6 mm. of water in the gauge and the observer knows that there has been no rain since 4 a.m. the morning of the day before the reading is taken, and further that the precipitation has been in the form of dew or misting during the night.</p> <p>(c) On some measures there is graduation "0.6"; this graduation is to show the limit between the amounts which count as 0.1 and as 0.2 mm. of rain, and is known as a "trace." An entry "0.6" 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 [3-6] would show that the reading on the morning of the 18th day of the month was missed and that the recording on the 19th day of the month was as follows.</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 recorded on the reverse side 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 "tr".</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>																																																								

FOR OFFICIAL USE.

REGISTER OF RAINFALL IN 1927. 4502A

Kept at **FINCHORN** in the County of **MORAY**

Diameter of Funnel of Gauge **5** in. Height of top of Gauge above Ground **ft. 9** in. Height of Ground above 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.

Records taken in Millimetres should be entered on Form 1091.

Date.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date.
1										00	25	-	1
2										42	-	-	2
3										90	-	-	3
4										-	08	-	4
5										-	07	-	5
6										-	42	-	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	-
16										-	10	24	-
17										-	10	-	16
18										-	07	-	17
19										-	1	-	18
20										-	1	-	19
21										08	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		X	X						-	-	-	30
31	X		X	X						25	X	-	31
TOTAL										454	191	864	308
Days with 01 in or more										14	15	30	
Days with 00 in or more										17	18	3	

YEARS TOTAL
Please read the Notes and Instructions Overleaf.
(Signed) Major T. ROSS J. Ross P.T.O.

B Monthly Summary.

FORM 1090.

* 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 **Finchorn N.** In the County of **Moray**

Diameter of Funnel **5** in. Height of Top above Ground **ft. 9** in. Height of Ground above Sea Level **2 feet below** ft.

Rain Gauge

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

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

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

Nearest Parish Church **Lindores** 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 **Coupled in Appleton Lane Hedge**

Heights of objects **5 feet** **7 feet**

Distances **7 yds** **9 yds** **10 yds**

Directions **E** **W** **S E**

Indicate pattern of gauge in use by deleting those sketches of cross sections of vases 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.)

A B C D E

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?

Total **7.31** 35

Signature **J. Ross**

METEOROLOGICAL OFFICE EDINBURGH 4 JAN. 1927

D INSTRUCTIONS.

- 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, London, S.C.2; or from The Superintendent, Meteorological Office, 6, Drumshambo Gardens, Edinburgh.
- 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 given in type.
- The 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 the level of water in the gauge is lower than the rim of 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. (B) When the observer is 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 heaviest daily fall for each month should be underlined.
- The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The figures should be added in the same order in which they have already been found in another copy of the register.
- 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."
- 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.

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REGISTER OF RAINFALL IN 1927.													
FOR OFFICIAL USE.													
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION. 4325													
Section A for the entry of Daily Observations.													
Form 1091.													
Kept at Clackmannan, Shetland.													
Height of top of Gauge above Ground..... ft.													
Diameter of Funnel of Gauge..... in.													
Height of top of Gauge above Ground..... ft.													
" " " " 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.													
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	Ty	Ty	0.9	Ty	-	1.5	Ty	0.3	7.1	1.9	16.2	-	1
2	0.7	0.2	3.5	7.6	11.1	-	0.1	0.6	-	32.3	1.9	-	2
3	Ty	0.5	4.0	0.3	3.9	-	1.7	-	-	-	0.4	-	3
4	1.6	Ty	1.4	9.6	18.7	Ty	6.4	-	-	-	0.1	-	4
5	1.1	7.1	0.2	0.6	-	6.9	15.7	17.2	-	-	0.2	1.5	5
6	0.9	-	-	0.1	Ty	0.2	-	0.8	15.3	Ty	0.7	0.5	6
7	0.1	3.2	-	Ty	0.1	0.1	5.3	8.3	7.8	Ty	0.1	0.2	7
8	7.4	-	-	0.1	0.2	1.0	11.9	22.0	7.0	Ty	-	0.1	8
9	-	-	1.1	1.3	Ty	-	Ty	0.4	3.7	Ty	7.4	0.2	9
10	-	Ty	0.5	Ty	-	-	15.8	-	6.2	-	Ty	0.2	10
11	1.7	Ty	0.3	Ty	-	0.2	3.6	1.9	-	-	0.3	1.9	11
12	7.4	Ty	-	0.1	Ty	-	Ty	0.6	-	-	0.2	Ty	12
13	1.4	7.7	0.1	7.2	7.0	-	Ty	5.1	Ty	0.9	Ty	Ty	13
14	Ty	0.1	0.9	1.7	3.4	-	-	20.0	Ty	Ty	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	Ty	-	Ty	-	-	7.5	-	-	1.4	0.2	1.2	-	17
18	-	-	0.2	Ty	Ty	Ty	-	0.2	-	0.2	1.0	1.3	18
19	Ty	0.2	0.1	-	0.1	Ty	-	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	Ty	0.5	1.0	1.8	0.5	0.2	7.7	3.1	26.5	16.7	5.6	4.8	21
22	Ty	0.0	0.8	Ty	Ty	1.8	Ty	7.3	26.0	26.3	7.9	25.0	22
23	0.9	0.1	12.5	7.1	7.0	5.2	0.1	6.8	0.1	Ty	4.3	2.1	23
24	7.7	-	1.0	1.7	Ty	0.7	-	-	0.3	3.6	Ty	0.5	24
25	7.1	7.3	7.0	Ty	-	13.3	-	-	4.7	7.6	-	7.9	25
26	1.6	3.3	Ty	0.1	-	-	Ty	Ty	7.7	7.9	0.6	-	26
27	8.5	0.2	Ty	Ty	1.7	0.4	3.7	0.1	Ty	0.7	Ty	-	27
28	1.9	7.3	Ty	0.1	-	0.1	0.6	0.1	11.2	16.7	1.7	0.1	28
29	7.4	X	0.2	-	-	Ty	-	-	0.7	-	-	0.3	29
30	0.1	X	7.5	0.2	1.2	Ty	1.2	1.9	4.9	1.3	-	-	30
31	Ty	X	-	X	Ty	X	-	7.6	X	Ty	X	-	31
TOTAL	1.57	7.93	1.69	1.90	1.97	1.93	2.29	4.22	4.05	4.57	1.55	2.27	76.88
Days with 0.2 mm. or more.	16	7	12	9	9	9	11	14	16	11	12	11	133
Days with 1.0 mm. or more.	16	7	12	9	9	9	11	14	16	11	12	11	133

Please read the Notes and Instructions Overleaf.

(Signed) J.H. Rawlinson F.P.T.O.

FORM 1091. B Monthly Summary.											
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:-											
RAINFALL IN 1927.											
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.											
Height of Ground above Sea Level..... ft.											
Rain Gauge.....											
II 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 me are those marked A and B.) If the reading is taken from a mechanical gauge or from an autographic record, please indicate the fact.											
H 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 taken?											
METEOROLOGICAL OFFICE EDINBURGH 12 JAN 1928											
Signature.....											
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 Rain-gauge Observers," to be obtained from The Director, Meteorological Office, Ministry of Home Affairs, London, G.C.2, free.											
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 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 the next morning. The amount falling on January 1st is the rainfall for the 24 hours falling on January 1st of the year. It is therefore the amount measured on January 2nd.											
(b) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, sleet, rain or drizzle) has fallen since the preceding observation, and that he will wait for the next fall. The amount 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 mornings there may be no rain. In this case the observer should enter "0.0" in the register. This graduation is to show the limit between the amounts which count as "falls" and those which are mere "traces." An entry "0.5" 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 36 would show that the reading on the morning of the 17th day of the month was 36 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.	FOR OFFICIAL USE.											
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.			3955											
FORM 1090.			REGISTER OF RAINFALL IN 1928.											
Kept at <i>Craigievar, Kirkcudbrightshire</i> in the County of <i>Wigtownshire</i> .			METEOROLOGICAL OFFICE, EDINBURGH, 10 JAN 1929 <i>480</i>											
Diameter of Funnel of Gauge. 5 in. Height of top of Gauge above Ground. 9 ft. 9 in. " " Sea Level. 300 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	.73	.08	.20	.0	0	0	.21	0	0	.06	0	0	1	
2	.04	.28	0	.43	.06	0	.05	0	.19	0	0	0	2	
3	.11	.10	0	.06	.07	0	.01	0	.48	0	0	.07	3	
4	.61	.63	.23	.0	0	0	.12	0	.11	0	0	.08	4	
5	<u>1.03</u>	.06	.03	0	0	0	.07	0	.18	.38	.10	.11	5	
6	.63	0	0	0	0	0	0	.121	.03	.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	.10	.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	<u>1.08</u>	.02	11	
12	.15	.13	.04	.04	0	.20	.04	.19	0	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	<u>1.05</u>	15	
16	0	.29	.54	0	0	0	0	0	.68	.33	.53	.47	16	
17	.20	.16	.21	.07	.17	0	0	0	.21	.10	.43	0	17	
18	<u>1.45</u>	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	.126	.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	.25	22	
23	.86	0	.11	.17	0	.06	.14	.52	0	.77	<u>1.26</u>	.04	23	
24	.15	0	.24	0	0	.16	.01	0	0	.14	.62	.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	<u>66.16</u>	
TOTAL	11.57	<u>107</u>	417	473	2.03	1.70	566	3.13	6.30	273	9.55	9.26	<u>533</u>	YEARS TOTAL
Days with 50 in. or more.	30	16	18	13	9	19	17	17	15	25	21	21	221	
Days with 30 in. or more.	28	16	17	11	8	18	10	17	12	24	20	19	200	

FORM 1090.	B	Monthly Summary.	
		C	Particulars of Station.
<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>			<i>Every observer is requested to fill in this section and also the space for notes as far as possible:—</i>
<p>At.....<i>Craiglawn, Kirkcudbright.</i> In the County of.....<i>Galloway.</i></p>			Name and Address of which any inquiry relating to this register should be sent to..... <i>John Wilson, Kirkcudbright.</i>
<p>Rain Gauge..... Diameter of Funnel.....<i>5</i> in. Height of Top above Ground.....<i>ft. 2</i>. Height of Ground above Sea Level.....<i>320</i>.</p>			Hour of observation by the clock—in Winter..... <i>9 a.m.</i> in Summer..... <i>9 a.m.</i>
<p>Rain Gauge..... Diameter of Funnel.....<i>5</i> in. Height of Top above Ground.....<i>ft. 2</i>. Height of Ground above Sea Level.....<i>320</i>.</p>			Nearest Railway Station..... <i>Kirkcudbright</i> Distance..... <i>3 miles</i> Direction from..... <i>E</i>
<p>Nearest Parish Church at.....<i>Kirkcudbright</i> Distance.....<i>1 mile</i> Direction from.....<i>E</i></p>			Name of objects nearest to gauge..... <i>Ploughs</i>
<p>Heights of objects.....<i>40 ft.</i></p>			Distances..... <i>20 ft.</i>
<p>Directions from gauge.....<i>NNE</i></p>			If gauge has been moved during the year state..... Date of move..... 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>JAN. <i>11.57</i> : <i>1.45</i> <i>1.87</i> <i>30.28</i> FEB. <i>4.17</i> : <i>6.3</i> <i>4.5</i> <i>16.16</i> MAR. <i>4.73</i> : <i>9.1</i> <i>1.95</i> <i>18.17</i> APR. <i>2.03</i> : <i>4.3</i> <i>2.1</i> <i>13.11</i> MAY <i>1.72</i> : <i>6.2</i> <i>2.6</i> <i>9.8</i> JUNE <i>5.66</i> : <i>8.6</i> <i>3.5</i> <i>19.18</i> JULY <i>2.12</i> : <i>1.10</i> <i>4.5</i> <i>17.10</i> AUG. <i>4.30</i> : <i>1.26</i> <i>2.6</i> <i>17.17</i> SEPT. <i>8.72</i> : <i>6.8</i> <i>16.5</i> <i>15.12</i> OCT. <i>9.67</i> : <i>8.4</i> <i>25</i> <i>25.24</i> NOV. <i>9.26</i> : <i>1.80</i> <i>23</i> <i>21.20</i> DEC. <i>5.92</i> : <i>1.05</i> <i>15</i> <i>21.19</i></p>			<i>A</i> <i>B</i> <i>C</i> <i>D</i> <i>E</i>
Total <i>66.76</i>			<i>If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:</i>
<p>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?</p>			
<p>D INSTRUCTIONS.</p> <p>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, Denbighshire Gardens, Edinburgh.</p> <p>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 <i>italic type</i>:—</p> <p>(a) Rain should be measured each morning, preferably at 9 a.m., or at the "Morning Time." The measurement is to be limited to the precise date, and should not be put 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 <i>not</i> the amount measured on January 2nd.</p> <p>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 "—". The entry "trace" or "tr" is to be used in the two following cases: (A) when 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 remainder of it at a previous time of observation; i.e., the observer may not 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>(C) When there is less than 0.05 in. of rain 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 remainder of it at a previous time of observation, i.e., the observer may not 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>(d) 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 used in the two following cases: (A) when 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 remainder of it at a previous time of observation; i.e., the observer may not 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>(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 "number of days with '0.5 in. or more'" includes all the days with any rain except those for which the entry is "trace." The "number of days with '0.4 in. or more'" includes all the days with any rain except those for which the entries are trace, "tr."</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>			

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

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.
FORM 1091. **REGISTER OF RAINFALL IN 1928.**

Kept at Boghall, in the County of Middlelothian.
Diameter of Funnel of Gauge..... 8 in.
Height of top of Gauge above Ground..... 1 ft. 2 in.
" Ground See Level 64.5 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	6.0	9.1	0.5	0.3	0.4	—	4.7	—	—	—	—	—	1
2	6.4	0.8	2.5	Tr.	—	0.2	—	0.3	—	8.7	—	—	2
3	Tr.	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	5.1	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	10.2	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	1.1	3.4	—	—	15.3	—	1.0	2.7	0.1	20
21	3.4	—	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	—	1.8.5	—	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.	1.9	X	6.6	X	—	—	—	31
TOTAL	156.8	71.5	49.1	23.2	39.9	138.7	63.0	121.0	57.0	81.3	89.0	58.3	3948.8
Days with 0.3 mm. or more.	26	16	24	16	13	20	14	23	15	19	21	18	225
Days with 1 mm. or more.	25	12	15	7	7	17	9	18	12	17	16	11	166
Gauge	6.17	2.81	1.73	0.91	1.57	5.46	2.48	4.76	2.34	3.40	3.60	2.20	37.33
(Signed) J. D. Street M.A.													
(P.T.O.)													

4069 FOR OFFICIAL USE.

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 1928.

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

At... Boghall In the County of Middlelothian.

Nearest Railway Station: Gilmerton (LNER) Distance: 2 miles gauge: 5 ft.

Nearest Parish Church at: Gilmerton Distance: 1½ miles gauge: 5 ft.

Rain Gauge: (Diameter of Funnel..... 8 in. Height of Top above Ground..... 1 ft. 2 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. or more or more
	Millimetres	Millimetres	Date.
JAN.			
FEB.			
MAR.			
APR.			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
Total			

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.

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:-
Post Office Box No. 1 Boghall, Middlelothian.

Hour of observation by the clock—in Winter..... 09.20. In Summer..... 10.00. B.S.T.

Nearest Railway Station: Gilmerton (LNER) Distance: 2 miles gauge: 5 ft.

Nearest Parish Church at: Gilmerton Distance: 1½ miles gauge: 5 ft.

Signature.....

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 hygrograph is also in use, and this, (when in working order) has always been found to agree with the雨量計 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 are printed in *italic type*:-

(a) Rain should be measured each morning, preferably at 9 a.m., or earlier if necessary. The entries should be referred 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 the rainfall measured on January 2nd.

(b) On some measures there is a graduation marked on this graduation scale 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.

(d) If the previous observation should be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [1-36] would show that the reading on the morning of the 18th of the month was missed and that the reading on the morning of the 19th was 3.9 mm.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. This is necessary because the total may have 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." The "number of days with 0.1 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 space for the number of days with rain should be left blank.

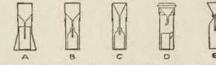
(h) The heaviest daily fall for each month should be underlined.

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Section A	for the entry of Daily Observations.	FOR OFFICIAL USE. AIR MINISTRY.—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION. 3970											
FORM 1090.	REGISTER OF RAINFALL IN 1928.												
Kept at <u>Coulongon Castle, Ruthwell</u> in the County of <u>Dumfries</u>		METEOROLOGICAL OFFICE, EDINBURGH.											
Diameter of Funnel of Gauge 5 in.	5 JAN 1929												
Height of top of Gauge above Ground 14 ft. in.													
" " Ground See Level 570 ft.	68 X												
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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	1
1	.50	.07	.18	.05			.59			.04	.01		
2	—	.60	.06	.25	.03		trace		.40		.05		2
3	.03	.03	.18	.10	.14				.09		.01		3
4	.27	.62	.41	.01			.04		.25	.23		.09	4
5	.32	.05	—	.02								.13	5
6	.19	.01	—	—			.78	.02	.01			.12	6
7	.20	.01	—	.12		.39	.76	.26	.79				7
8	.01	.13	—	.11		.35	.09	.09	.43	.01	.07		8
9	.33	.18	trace	.03		.74	.17	.12	.20	.12	.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			.16		12
13	.05	.24	—	.01		.177		.16			.03		13
14	.53	.13	—			.14	.03	.02	.25	.34			14
15	.30	.27	—			.08	trace		.17	.04	.73		15
16	—	.15	.35			.05			.39	.42	.55		16
17	.03	.02	.31	trace		.06	.02		.20		.01		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	trace	.09	.45			20
21	.44	.01	.02			.30			.55	.21	.04		21
22	trace	—	.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	.30		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	trace	.20	.24		28
29	.44	.19	.66			.14	.11	.29	.50	trace	.05		29
30	.01	X	.05	.02		.07	.02	.05	.56	—			30
31	.19	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 rain or more.	28	20	18	16	10	21	15	21	14	23	23	17	226
Days with drizzle or more.	24	13	14	11	7	17	13	18	9	19	18	17	180
40-9999	Cover after ref. to obs.											(Signed).....	(P.P.O.)

FORM 1090.	B	Monthly Summary.																																																																																													
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<p>RAINFALL IN 1924.</p> <p>At <u>Condercum Castle Ruthwell</u> In the County of <u>Dumfries</u></p>			Name and Address to which any inquiry relating to this register should be sent:- <u>William Brown</u> <u>Condercum Nursery, Ruthwell</u>																																																																																												
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			(a) Is it known that the gauge was empty at the beginning of the measured rainfall? (b) What note was made of times of beginning and end of this fall? (c) When was the measurement made?																																																																																												
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<p>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, S.W. 1, or from the Superintendent, Meteorological Office, Edinburgh 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 a larger type.</p> <p>(a) <i>Notes should be recorded each morning, preferably at 9 a.m.</i> <i>Greenside Mean Time. The measurement is to be credited to the previous day and the date of entry is to be the date of the preceding phenomenon.</i> Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is clear that the amount of rain falling between 9 a.m. on December 31st and 9 a.m. on Greenside Mean Time is 10 am, by the clock during Summer Time Period.</p> <p>(b) <i>Notes should be recorded every morning without exception.</i> When there has been no precipitation the entry in the register should be a dash (no '0'). The entry "trace" or "T" is to be made for the first time in each case, (A) and (B), when the amount of rain is less than .005 in. of water. The observer knows that this is not the result of a drop or two drawn from the sides of the can after emptying the overflow out of it at a previous time of observation, i.e., he is reasonably sure and fairly 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>(c) <i>The total rainfall for the month is to be determined by addition. The check is of special importance when the total has already been found in another copy of the register.</i></p> <p>(d) <i>The "number of days with '01' in or more" includes all the days when the entries for the entry are "trace."</i> The "number of days with '04 in. or more'" includes all the days with a very large excess for those for which the entries are trace, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31.</p> <p>(e) <i>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></p> <p>(f) <i>The heaviest daily fall for each month should be underlined.</i></p>																																																																																															
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<p>(*80) W.L. 23575-1931/1002. 18,000. 3/28 T.S. 118.</p>																																																																																															
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Section [A] for the entry of Daily Observations.
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.
FORM 1090. 4653 FOR OFFICIAL USE.
REGISTER OF RAINFALL IN 1929.
Kept at *Peterhead (Stockbridge)* in the County of *Aberdeenshire*.
Diameter of Funnel of Gauge *15.7 in. 16*. Height of top of Gauge above Ground *1 ft. 6 in.* Sea Level *60 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	.18			2
3		.1	.6	.3	.8		.2	.32	.8		.17		3
4		.6	.18		.3	.6	.2	.22	.4	.26			4
5				.25		1.17	.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	.10			18
19		.1	.9	.6			.2	.26		.20	.20		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	226	294	37	181	130	189	266	309	143	291	320	479	2885
Days with .01 in. or more	21	19	5	18	11	16	12	20	14	22	16	25	204
Days with .04 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. [C] Particulars of Station.

* * 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 *Stockbridge Peterhead* In the County of *Aberdeenshire*.
Nearest Railway Station *Longside* Distance *3 1/2 miles* Direction from *gauge*.
Rain Gauge Diameter of Funnel *6.5 in.*
Height of Top above Ground *1 ft.* Nature of objects nearest to gauge
Height of Ground above Sea Level *60 ft.* Heights of objects

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with .01 in. or more
JAN.	226	.78	16
FEB.	294	.53	15
MAR.	37	.16	21
APRIL	181	.45	27
MAY	130	.43	6
JUNE	189	.45	21
JULY	266	1.17	5
AUG.	309	.54	17
SEPT.	143	.32	3
OCT.	291	.67	6
NOV.	320	1.01	18
DEC.	479	.77	20
Total	2885	204	144

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 month in which the fall occurs and to the hour 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 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 rainfall 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 gauge must be definitely 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 heaviest daily fall for each month should be underlined.

3. 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 the register.

(C) The total 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 traced, .02, or .03.

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

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40-9999

Houston Manse FOR OFFICIAL USE. *Consett 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.
 “ “ “ “ 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	—	3.9	1.54	2.07	2.94	3.49	5.67	3.71	7.36	6.12	4.77	49.14
Days with rain or more.	195.4	—	100.7	39.0	52.5	74.6	88.6	128.7	94.3	187.0	155.5	121.1	1249.3
Days with rain or more.	25	7	18	13	10	15	15	21	12	28	18	23	205
Days with rain or more.	22	1	14	7	6	10	12	17	9	24	15	17	154

(144w) 40-9999 (Signed) George Muir P.R.O.

FORM 1091. **B** Monthly Summary. *4386* **C** Particulars of Station.

* 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.

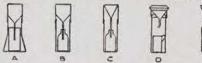
At Houston (The Manse). In the County of Renfrew.

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

Rain Gauge Readings Number of Days with rain or more (or less) than 0.5 mm. in 24 hours.

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with rain or more (or less) than 0.5 mm. in 24 hours.
January	195.4	28.0	10 23 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.	158.7	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

If gauge has been moved during the year state— Date of move Distance Direction. Indicate the gauge now used by deleting those sketches of cross sections of gauge 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.

- 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.
- Fill up the register on the reverse side the following rules should be observed. Those which apply also to the summary form above are printed in italics.
- Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the time of observation. Thus the entry for January 1st is the rainfall occurring between 9 a.m. on January 1st; it is therefore the amount measured on January 2nd at 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- The rain gauge should be raised 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).
- 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 falling from the sides of the gauge after emptying the rain gauge out, it is reasonable to assume that there has actually been precipitation since the preceding morning. If the observer knows that the precipitation has been in the form of dew or fog this may be noted.
- 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 great value when the total has been lost in another copy of the register.
- 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 0.0 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.
- If observations are not available for every day during the month the space for the number of days with rain should be left blank.
- 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. PG JAN 1931

4345

Section A	for the entry of Daily Observations.	4345	FOR OFFICIAL USE.										
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.													
FORM 1090.													
REGISTER OF RAINFALL IN 1930.													
Kept at BIRKHEADSTEE, DALLY in the County of Ayr													
Diameter of Funnel of Gauge <u>.516</u> in. Height of top of Gauge above Ground <u>.015</u> ft. <u>.000</u> in. ,, Ground Sea Level <u>.520</u> 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	.36								.50			.40	
2	.33			.06				.42	.83				1
3	.26		.44					.32	.14		.05		2
4	.19		.07					.05	.08	.05	.53		3
5	.18		.89					.30			.20		4
6	.25		.14					.02	.05		.35	.19	5
7	.38		.25						.05	.09	.02	.97	.18
8	.20		.22	.73	.20	.27	.05	.87		.03	.33	.33	6
9	.16					.39			.42	.58	.02	.09	.40
10	.20		.38			.03	.01	.06		.27	.14	.54	7
11	.31		.29	.30				.06	.37	.05	.12	.02	8
12	.29			.31	.29				.16		.60		9
13	.25			.09	.33			.03	.38	.32	.18	.01	10
14			.20	.44				.16	.02		.40	.33	11
15			.01					.04			.20		12
16			.10	.40				.30			.43		13
17			.35	.05				.14	.57	.180	.50	.01	14
18			.20						.05	.12	.02	.37	.07
19			.25					.30	.37		.69	.43	15
20			.16	.19				.02	.32	.98	.76	.12	16
21			.48	.09				.48			.54	.62	17
22			.05					.05	.04	.17	.57	.30	18
23								.32	.52		.28	.13	19
24			.09	.07	.80			.20		.04	.52	.22	20
25			.03		.02				.04	.06	.50		21
26			.04	.03	.01						.10	.00	22
27			.07								.07	.09	23
28			.18								.04		24
29			.10	X	.20						.02		25
30			.01	X	.36						.21	.02	26
31				X	.08	X		X			X		27
TOTAL	6.14	.24	3.95	2.80	2.74	3.54	4.09	8.25	5.13	8.91	6.29	6.90	59.08
*Days with .01 in. or more.	24	3	18	12	9	14	20	24	13	29	20	23	209
*Days with .05 in. or more.	23	1	17	10	7	11	18	33	13	35	16	23	185

40-9999

*See Instruction 2 (f) on other side.

(Signed) *Gilmour & Son Ltd.* [P.T.O.]

4345

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 _____	
Rain Gauge	Diameter of Funnel _____ in.	
Height of Top above Ground _____ ft. _____ in.	Height of Ground above Sea Level _____ ft. _____ in.	
17 MAR 1931	Jan. 1, following	
RAINFALL IN 1930		
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.	
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 drawing three sketches of cross sections of gauges which do not represent it. If the pattern is different from those shown 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 details of falls of unusual intensity it is desirable that answers to the following questions be given.		
(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 ..		
*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.		
2. In giving details on the reverse side the following rules should be observed. These rules apply also to the summary form above are printed in full.		
(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 falling on January 1st. It is therefore the amount measured on January 1st, 9 a.m. Greenwich Mean Time is 10 o.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 .005 in. of water in the gauge and the observer is sure that this is not the result of a drop or two draining from either side of the rim after emptying the rainwater out of the gauge. In such cases, i.e., the observer must be reasonably certain that there has actually been precipitation since the last reading, the entry "trace" is to be made. 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 there has been either form of precipitation such as snow, sleet, or drizzle during the period preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, whilst 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 would be recorded as "trace" and "0.05." 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 the entry "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 the total has already been put 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 .04 in. or more 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.

FORM 1090. **REGISTER OF RAINFALL IN 1931.**

Kept at *Kirkcaldy (Burrow Burn)* in the County of *Fife*.

Diameter of Funnel of Gauge *5* in.
Height of top of Gauge above Ground *1 ft. 0 in.* ft.
Ground *Sea Level 66 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	-	-	-	-	-	-	-	-	-	-	-	-	1
2	-	-	-	-	-	-	-	-	-	-	-	-	2
3	-	-	-	-	-	-	-	-	-	-	-	-	3
4	-	-	-	-	-	-	-	-	-	-	-	-	4
5	-	-	-	-	-	-	-	-	-	-	-	-	5
6	-	-	-	-	-	-	-	-	-	-	-	-	6
7	-	-	-	-	-	-	-	-	-	-	-	-	7
8	-	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	-	12
13	-	-	-	-	-	-	-	-	-	-	-	-	13
14	-	-	-	-	-	-	-	-	-	-	-	-	14
15	-	-	-	-	-	-	-	-	-	-	-	-	15
16	-	-	-	-	-	-	-	-	-	-	-	-	16
17	-	-	-	-	-	-	-	-	-	-	-	-	17
18	-	-	-	-	-	-	-	-	-	-	-	-	18
19	-	-	-	-	-	-	-	-	-	-	-	-	19
20	-	-	-	-	-	-	-	-	-	-	-	-	20
21	-	-	-	-	-	-	-	-	-	-	-	-	21
22	-	-	-	-	-	-	-	-	-	-	-	-	22
23	-	-	-	-	-	-	-	-	-	-	-	-	23
24	-	-	-	-	-	-	-	-	-	-	-	-	24
25	-	-	-	-	-	-	-	-	-	-	-	-	25
26	-	-	-	-	-	-	-	-	-	-	-	-	26
27	-	-	-	-	-	-	-	-	-	-	-	-	27
28	-	-	-	-	-	-	-	-	-	-	-	-	28
29	-	-	-	-	-	-	-	-	-	-	-	-	29
30	-	-	-	-	-	-	-	-	-	-	-	-	30
31	-	-	-	-	-	-	-	-	-	-	-	-	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	33.80
*Days with <i>0.05 in. or more</i>	15	23	16	15	15	18	25	18	9	15	25	16	20.5
*Days with <i>0.1 in. or more</i>	10	13	11	11	10	14	19	9	6	9	14	9	13.8

40-9999
*See Instruction 2 (f) on other side.

(Signed) *Francis W. Grand* [P.T.O.]

COPY FOR OFFICIAL USE. *5476*

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 *5* in.
Height of Top above Ground *1 ft. 0 in.* ft.
Height of Ground above Sea Level *66 ft.*

Jan. 1, following

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of days with 0.05 in. or more
Inches.	Inches.	Date.	*
JAN.			
FEB.			
MAR.			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
Total			

Signature

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, 81, Drumsheugh Gardens, Edinburgh.

2. In filling in the register on the reverse side the following rules should be observed. Those notes 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 the fall. That entry for January 1st is the rainfall for the 24 hours ending 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 "traces" 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 falling from one side of the funnel after emptying the rain-gauge at the 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 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 mornings the graduation marked .005, this graduation is to show the difference 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 12 | 14 would show that the reading on the 12th was missed and that the reading on the morning of the 14th was .14 in.
(e) The total rainfall for the month is found by addition. The addition should always be done a second time with a check. The value is of great 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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(325) Wt. 26154/1775/2214 15,000 2/31. Gp. 119/110.

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-

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

At Aberwath
In the County of Anglesey

Diameter of Funnel 5 in.

Height of Top above Ground 1 ft. in.

Height of Ground above Sea Level 93 ft.

Rain Gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of days with rain or more than 1 mm. or more than 2 mm. or more than 5 mm. or more than 10 mm. or more than 20 mm. or more than 50 mm.	
		Millimetres	Millimetres	Date	12
JAN.	44.8	29.3	81	3	12
FEB.	32.3	9.0	5	4	10
MAR.	29.9	10.3	12	4	10
APRIL	43.8	14.6	16	4	9
MAY	83.3	32.5	81	6	10
JUNE	104.1	44.0	14	—	13
JULY	113.9	36.6	26	6	16
AUG.	46.1	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.	80.0	5.1	30	8	4
Total	744.4		5316.5		

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, Ardwath

Hour of observation by the clock—in Winter 9 AM, in Summer 1 AM GMT.

Nearest Railway Station Ardwath Distance 1 mile gauge N

Nearest Parish Church at Gwynedd 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 the pattern. A diagram of each 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 Observers' Hand Book and there need be no doubt 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 of the 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 day and month in which the time of observation falls, and not to 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 time of the 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
- (c) 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" to be made in the two following cases,

 - (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 may reasonably consider that he has actually precipitated 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 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" to be made in the two following cases,

(b) The observer knows definitely from his own observation that some rain or greater part of precipitation when it is 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, when the rain is even being damp, and the amount of rain having evaporated before it gets 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 called "traces." An entry "tr" is 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] would show that the

reading on the morning of the 18th day of the month was missed and that the reading the morning of the 19th was 3.1 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 calculated by means 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 1.0 mm. or more rain, i.e. 1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9 or 2.0 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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(324) Wt.26155/1776/2215 1,000 2/31. Gp. 119/111.

COPY FOR OFFICIAL USE.

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

REGISTER OF RAINFALL IN 1933.

Kept at **BALLINDALLOCH**
in the County of **Clackmannan**.

Diameter of Funnel of Gauge **5** in.
Height of top of Gauge above Ground **1 ft 6 in.**
" " " Sea Level **630 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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	1
2	.10	.02	.11	"	.01	"	"	"	.01	.02	.03	.01	2
3	.15	.07	.08	.09	.01	"	"	"	.01	.02	.03	.01	3
4	.03	.38	.12	.10	.02	"	"	"	.01	.02	.03	"	4
5	.36	.12	.12	.12	.01	"	"	"	.01	.02	.03	.01	5
6	.22	.01	.15	"	"	"	"	"	.01	.02	.03	.01	6
7	.11	.04	.01	.21	.01	"	.13	.04	.01	.02	.03	.01	7
8	.03	.10	.04	.02	.01	"	"	"	.01	.02	.03	.01	8
9	.24	"	.03	.02	.16	.02	"	"	.01	.02	.03	"	9
10	.02	.01	"	.19	.01	.01	"	"	.01	.02	.03	.01	10
11	.01	"	"	.05	.03	.01	.02	"	.01	.02	.03	"	11
12	"	.03	"	.06	.02	"	.04	"	.04	.05	.06	"	12
13	"	.03	"	.01	.01	"	.01	.02	.02	.03	.04	.01	13
14	.20	.01	"	.06	"	.02	.01	.02	.01	.02	.03	.01	14
15	.01	.47	.01	.20	.16	.02	"	"	.01	.02	.03	.01	15
16	.04	.01	"	.28	.01	"	.10	"	.04	.05	.06	.01	16
17	.03	.14	.06	"	.04	"	.05	.02	.01	.02	.03	"	17
18	.02	.46	.06	.19	.04	.10	.02	.03	.01	.02	.03	.01	18
19	.01	.12	.14	.04	.06	.02	.01	.02	.01	.02	.03	.01	19
20	"	.15	.02	.01	.05	.03	.12	.09	.01	.02	.03	"	20
21	"	.20	.08	.02	.31	.04	.14	.03	.01	.02	.03	"	21
22	"	.09	.01	.01	.01	.01	.01	.01	"	.02	.03	"	22
23	"	.39	"	"	.18	.57	.14	.04	.01	.02	.03	"	23
24	"	.01	"	.14	.04	.01	.01	.01	.01	.02	.03	"	24
25	"	.02	.01	.01	.01	"	.01	.02	.01	.02	.03	"	25
26	"	.35	"	"	.01	.01	"	"	.02	.03	.04	"	26
27	"	.15	"	"	.03	.01	.03	"	.01	.02	.03	"	27
28	"	.01	"	.20	.03	.01	.01	.01	"	.01	.02	"	28
29	"	.04	"	"	.96	.01	.05	"	.02	.03	.04	"	29
30	"	.01	X	"	.08	.09	"	.07	.01	.02	.03	"	30
31	"	.23	X	"	.05	X	"	X	.26	.11	X	.03	31
TOTAL	1.28	3.96	.79	3.02	1.49	2.40	2.93	1.68	1.74	7.38	2.31	.45	29.387
*Days with or more.	12	21	12	21	16	14	16	15	13	24	20	13	197
*Days with or more.	7	17	8	15	8	9	13	10	8	19	12	4	130

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 **BALLINDALLOCH**

In the County of **Clackmannan**.

Diameter of Funnel **5** in.
Height of Top Above Ground **1 ft 6 in.**
Height of Ground above Sea Level **630 ft.**

Rain Gauge

Month	Total Depth	Greatest Fall In 24 hours.	Number of Days with 0.04 in. or more for month*
Jan.	inches	inches	Date
JAN.			*
FEB.			*
MAR.			*
APRIL			*
MAY			*
JUNE			*
JULY			*
AUG.			*
SEPT.			*
OCT.			*
NOV.			*
DEC.			*
Total			

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:

- 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.

- 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 Observatory, Edinburgh, Scotland, Edinburgh.
- In filling in the register the rules which apply also to the summary form above 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 the next reading. The entry for January 1st is the rainfall for the 24 hours from midnight on December 31st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Standard 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).
- 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 falling from the sides of the can after emptying the rainwater out of it at the time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the previous reading. If the observer knows that the precipitation has been in the form of dew or fog this may be noted.
- The heaviest daily fall for each month should be underlined.

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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.

REGISTER OF RAINFALL IN 1933.
Kept at Crusie Huntly
in the County of Aberdeenshire

Diameter of Funnel of Gauge .5 in.
Height of top of Gauge above Ground 1 ft .5 in.
Ground Sea Level 400 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	.01	.05	.02					.10	.03	.16	.08		1	
2	.08	.07	.08	.03				.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	.09		.03	.14			.09		.08	.10		12	
13		.16		.02	.01			.02	.01	.11			13	
14	.23			.16				.74	.06	.03	.01	.08	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		.07	.30	.06	.06	.16	.13	.01			.48	.02	18	
19		.05	.20	.02	.08	.04	.13		.01		.03	.22	19	
20		.16		.03	.68	.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		.04	.27	.07	26	
27		.76	.03					.51	.01		.55	.21	27	
28		.03		.46	.05			.30		.51	.08	.22	28	
29		.01		.55				.15		.01	.38	.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	.81	1.95	4.86	1.55	1.11	6.21	3.87	1.33	31.64
*Days with rain or more.														
*Days with rain or more.														

49-9999
*See Instruction 2 (f) on other side.

Spare column, no entries required.
(Signed) [Signature] [P.T.O.]

Station No. 5662

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 Aberdeenshire

Diameter of Funnel .5 in.
Rain Gauge Height of Top above Ground 1 ft .5 in.
(Height of Ground above Sea Level 400 ft.)

Month.	Total Depth.	Greatest Fall in 24 hours.	Number of Days with 1 or more in. or more than more.
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	.14	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	23 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

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.

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:—

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 Observatory, Royal Botanic Gardens, Edinburgh.

2. In filling up the register 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 the morning observation. This entry for January 1st is the rainfall for the 24 hours following the end of 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 Sunlight 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). 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 thinks that there is not even a trace in the gauge, two draining from the side 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 last being recorded. 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 1 in. or more" includes all the days with any rain except those for which the entry is "trace". The entry of "trace" is to be made in the register for all the days with any rain except those for which the entry is "trace".

(c) On some measures there is graduation marked "005"; this provides a means of distinguishing 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 brackets. Thus 18 | 14 | would show that the reading on the morning of the 18th 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 first of the two additions is the total which the total has already been found in another copy of the register.

(f) The "number of days with 1 in. or more" includes all the days with any rain except those for which the entry is "trace". The entry of "trace" is to be made in the register for 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, leave 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.

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

2 JAN 1935

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	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	135	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		65	56		7
8		10		48	12			02	35	05	25-112		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		36	11		02		17		26			13
14	05	33	07	05	42	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	15		23	02	10		02	64		09			22
23	02		02	40	05	03	15	14	04	04	15		23
24		21	12	03	24	03	07	16	103	03			24
25	13			04		15		79	62	05	104		25
26	10	02		05	14		16	04	04	16			26
27			23	21	25	17	16			64			27
28				11	32	18	45			28			28
29				12	05	08	06	02	45				29
30	32	X			04	27	05	11	07	08			30
31	X	X	X	X	X	17	X	17	X	34			31
TOTAL	489	63	300	233	1434	231	209	443	626	732	211	987	4962 ✓
* 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	28	11	29	197 ✓

40-9999
* See Instruction 2 (f) on other side.
(Signed) Robert A. Rye. P.T.O.

Station No. **5001**

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*

Rain Gauge Diameter of Funnel **8** in.
Height of Top above Ground **1 ft** — in.
Height of Ground above Sea Level **83 ft.**

Jan. 1, following

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			

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 A. Rye.

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 mi.** gauge **S.W.**

Nature of objects nearest to gauge **House House Wood Trees**
Height of objects **40 ft 20 ft 50 ft 30 ft**
Distances ... **25 yrs 80 yrs 120 yrs 80 yrs**
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 drawing 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.

- Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 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:—
 - 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 the following morning. The entry for January 1st is to be 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.
 - 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,
 - 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 contents out of it at a previous time of observation, i.e. if the observer is 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 is not necessary.
 - 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 weather when with the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
 - On some measures there is graduation marked .005; this graduation is to show the limit between the amounts which count as one trace and those which do not. 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 } 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 check 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 entries are trace, .01, .02 or .03.
 - If observations are not available for every day during the month, leave 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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Section **A** for the entry of Daily Observations.
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091. **REGISTER OF RAINFALL IN 1934.**

Kept at Glasgow University in the County of Lanark.

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 Level 85 ft. above sea level.

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	7.9	2.4	0.7	—	27.0	1.6	2.1	—	4.4	—	—	—	1	
2	0.2	1.5	—	2.4	—	—	1.7	5.3	2.4	4.5	3.2	—	2	
3	8.4	—	4.3	2	2.1	—	—	4.9	11.2	5.2	6.0	—	3	
4	8.9	3	3.9	0.3	2.1	—	—	2.1	5.7	6.5	—	3.1	4	
5	0.8	1.1	2.1	2.5	2	—	0.1	2.4	—	—	—	—	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	2.1	2.6	1.4	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	18.6	0.3	0.1	1.4	2	—	—	6.4	2.2	2.4	8.9	—	9	
10	2.3	2	0.7	4.4	2	—	—	10.0	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	3	—	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	4.7	2.7	11.5	0.1	0.4	0.2	15	
16	11.6	2	5.2	2	1.0	2	0.3	4	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	0.2	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	—	14	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	0.3	—	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	0.7	—	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	2	2	2	—	2	5.8	1.3	2	15.2	2	2.0	29	
30	1.9	2	0.3	—	—	—	1.4	0.8	4.8	0.2	0.2	11.2	30	
31	0.1	2	—	2	—	—	0.6	0.6	—	—	8.6	—	31	
TOTAL	109.2	9.2	60.2	71.0	54.8	49.7	53.1	108.3	109.6	137.7	23.3	111.7	869.8	
Days with 0.2 mm. or more.	248	54	819	621	383	15	319	120	223	321	1014	768	56	225
Days with 1 or more.	19	1	16	15	12	7	15	16	21	21	4	21	168	+

(144v) * See Instructions 2 (i) on other side.
† Spare column, no entries required.
(Signed) *W. E. Sibley & T. Newson* 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 1934

At Glasgow University In the County of Lanark (Diameter of Funnel 8 in.)
Height of Top above Ground 1 ft. 1 in.
Height of Ground above Sea Level 85 ft. above sea level.

Rain Gauge	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.2mm. or more
Month.	Millimetres	Millimetres	Date
JAN.	109.2	15.6	9 ^a 1 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^t 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
FEB.	9.2	1.5	1 ^a 1 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^t 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
MAR.	60.2	11.1	5 ^a 3 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
APRIL	71.0	22.4	12 ^a 6 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
MAY	34.8	11.2	15 ^a 3 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
JUNE	49.7	21.2	22 ^a 6 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
JULY	53.1	9.2	12 ^a 3 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
AUG.	108.3	27.0	14 ^a 4 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
SEPT.	109.6	12.1	21 ^a 2 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
OCT.	127.7	16.6	21 ^a 3 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
NOV.	23.3	6.4	25 ^a 10 ^b 4 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
DEC.	111.7	17.4	8 ^a 7 ^b 1 ^c 1 ^d 1 ^e 1 ^f 1 ^g 1 ^h 1 ⁱ 1 ^j 1 ^k 1 ^l 1 ^m 1 ⁿ 1 ^o 1 ^p 1 ^q 1 ^r 1 ^s 1 ^u 1 ^v 1 ^w 1 ^x 1 ^y 1 ^z
Total	889.8	56	168

Signature: *W. E. Sibley & T. Newson*

If gauge has been moved during the year state—
Date of move _____ Distance _____ Direction _____
Indicate by sketch the types of rain gauge used. If different from those given 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 the next morning. Thus the entry for January 1st is the rainfall for the 24 hours following the night of 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 fail. Where 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 is sure that it is not due to a drift or two draining from the sides of the gauge 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 previous measurement. If the observer knows that the precipitation has been in the form of dew or wet fog for 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, when 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 "0.1" is to be made in the register if the amount is .05 or more.
(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^a 3-6^b would show that the reading on the morning of the 18th 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 over rain except those for which the entries "trace" or "0.1" are made. The number of days with over rain is the same as the number of days with 0.2 mm. or more.
(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.
(i) The columns are so spaced that the entries can be made by a typewriter.

3. The entries should be made in ink.

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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 1090.
Shaw Wt. (MANIFED)
Kept at ...
in the County of ...
Diameter of Funnel of Gauge... 5 in.
Height of top of Gauge above Ground... ft... in.
" Ground " Sea Level... 513 ft.

REGISTER OF RAINFALL IN 1935.

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
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
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	2.2	0.12	0.01	2
3	—	0.18	0.11	0.00	—	0.26	0.39	0.01	0.05	0.10	0.51	0.02	3
4	—	0.06	0.25	—	—	0.14	0.20	0.16	—	—	—	0.01	4
5	—	0.16	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	—	0.16	—	—	—	1.22	0.01	0.10	7
8	0.16	—	—	0.13	—	—	—	—	—	0.61	—	0.39	8
9	0.29	—	—	1.81	—	0.16	0.00	—	—	0.13	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	0.10	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	—	0.00	—	0.01	—	—	0.94	0.21	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	0.10	0.28	—	16
17	—	0.38	—	0.08	—	0.02	0.02	0.00	0.15	0.22	0.56	—	17
18	—	1.13	—	—	0.10	—	0.34	—	0.93	1.15	—	—	18
19	—	1.12	0.13	0.31	0.04	0.11	0.04	0.04	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	0.01	0.03	—	—	—	0.01	0.08	—	—	22
23	0.31	—	0.07	0.01	—	0.20	0.10	—	—	0.54	—	—	23
24	0.31	0.31	0.15	—	—	0.11	—	—	—	0.01	0.36	—	24
25	0.04	—	0.15	—	—	0.06	0.01	0.07	—	0.09	0.18	0.19	25
26	—	0.16	0.01	—	—	0.17	0.16	—	0.13	0.10	0.21	0.28	26
27	—	0.33	—	—	0.13	0.15	—	0.81	0.15	0.59	0.08	—	27
28	0.01	0.30	0.01	—	—	0.02	0.10	0.27	0.15	0.20	0.05	—	28
29	0.01	—	0.35	—	—	—	0.08	0.51	0.39	0.05	0.81	—	29
30	0.06	—	0.14	—	—	—	0.07	0.53	0.15	0.57	0.08	—	30
31	0.68	—	0.01	—	—	—	—	—	0.13	—	0.39	—	31
TOTAL	3.12	8.10	2.12	4.66	0.18	4.61	3.07	2.71	9.21	13.49	6.81	4.16	
* Days with 0.01 in. or more.	16	22	15	17	7	21	16	12	20	28	22	218	
* Days with 0.24 in. or more.	11	22	11	13	5	18	11	10	19	26	20	17	183

† Spare column, no entries required.
(Signed) *J. T. M. E. Ltd. P.C.*

FORM 1090.

B Monthly Summary.

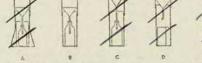
* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935...

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 Rainfall of 0.01 in. or more		
			Indicates	Indicates	Indicates
JAN.	—	—	—	—	—
FEB.	—	—	—	—	—
MAR.	—	—	—	—	—
APRIL	—	—	—	—	—
MAY	—	—	—	—	—
JUNE	—	—	—	—	—
JULY	—	—	—	—	—
AUG.	—	—	—	—	—
SEPT.	—	—	—	—	—
OCT.	—	—	—	—	—
NOV.	—	—	—	—	—
DEC.	—	—	—	—	—
TOTAL	—	—	—	—	—

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. (Gauge types to note 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:—

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 McElroy, M. Inst. C. Eng., Water Bureau, Municipal Buildings, Greenock.*

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

Nearest Railway Station, *KILMARNOCK*. Distance, gauge. Nearest Parish Church at, Distance, gauge.

Nature of objects nearest to gauge

Height of objects

Distances

Directions from gauge

D INSTRUCTIONS.

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

- It is 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?

E 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:—

- It is 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?

F

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, S.W.1, or from the Meteorological Office, 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 summertime register are given below.

- 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 which fell during the 24 hours ending at 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 rainfall 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) when (B).
- When there is less than 0.01 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 same, the entry of it at a previous time of observation, i.e., the observer is 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, sleet, or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry weather when water in the gauge is damp, the small amount of rain having evaporated before it got into the receiving can.
- On some occasions there is a graduation marked .005; this graduation is to be used when the difference between the amounts which count as 0.01 and those which are mere "traces." 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 | 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.
- The total rainfall for the month is found by addition. The addition should always be done in the same line as a check. The date of the final occurrence when the total has already been found in another copy of the register.
- The "number of days with 0.01 in. or more" includes all the days with any rain except those for which the entry "trace" or "tr" is made. The 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, figures 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.

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

FORM 1091.
REGISTER OF RAINFALL IN 1937.

Kept at ... Inverness (Culduff Road)
in the County of Inverness

Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. - in.
" Ground " Sea Level 242 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
37	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	1
1	8.5	6	3.0	-	-	1.0	4	4	2.6	7.2	4	3.0	1
2	6.2	3.0	7.0	-	-	0.7	8.2	5	3.2	6.6	-	-	2
3	10.7	0.4	1.8	0.5	2.2	4.0	1.3	5	0.6	6	-	-	3
4	4.9	0.2	1.0	-	1.4	0.7	-	3.2	3.7	4	-	1.1	4
5	2.8	1.0	-	-	1.3	3.5	0.5	0.7	-	4	-	-	5
6	9.5	0.7	-	1.0	3.4	7.0	4.0	-	-	-	-	-	6
7	2.2	-	0.4	0.2	-	1.0	4	6.9	-	0.3	4	-	7
8	-	6.8	-	2.2	-	-	-	0.8	-	0.7	-	-	8
9	8.0	3.0	-	-	-	17.2	7.0	-	-	-	-	-	9
10	-	2.8	-	-	-	-	-	-	-	2.0	-	-	10
11	-	5	1.2	-	-	6	-	0.8	4	0.9	4	-	11
12	12.0	3.7	-	-	-	0.9	-	5.0	-	1.2	-	-	12
13	-	1.0	0.8	-	-	18.0	1.5	8.0	4	0.3	-	2.0	13
14	-	3.5	4	-	-	-	7.8	17.5	4	1.0	1.2	-	14
15	0.2	1.0	4	-	-	-	-	2	1.0	-	4.0	-	15
16	-	4	2.8	0.3	-	-	7.0	-	-	-	1.0	-	16
17	7.0	-	0.7	0.7	4	-	-	-	-	-	-	-	17
18	1.5	9.0	1.0	2.2	-	2.2	5.3	5.3	2.0	-	4	-	18
19	-	2.2	4.0	0.3	-	1.5	4	3.5	11	5.0	-	-	19
20	1.0	9.1	2.8	3.0	4	6.5	-	-	-	-	-	-	20
21	1.2	1.2	1.5	4	21.1	-	1.8	-	-	7.1	-	-	21
22	-	8.8	0.5	8.8	4	4	2.0	1.5	-	1.0	-	4	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	-	4	-	-	6	4	-	-	8.0	1.5	-	25
26	-	6.3	-	0.5	2.3	4	4	-	-	12.2	-	-	26
27	-	0.5	1.0	-	-	1.3	-	1.5	-	-	4.5	-	27
28	-	3.5	-	-	-	1.0	-	9.7	-	2.7	1.0	-	28
29	-	X	-	-	-	-	-	0.4	3.8	4	-	-	29
30	-	-	-	-	-	0.6	-	-	9.2	4.0	1.0	-	30
31	0.13	4	1	-	-	2.5	4	4	-	-	4	4	31
TOTAL	99	59.4	40.8	8.1	3.7	37.6	65.5	143	41.2	55.0	145.2	246	614.5
Days with 0.2 mm. or more.	18	20	16	9	8	12	16	12	14	12	11	9	157
Days with 1.0 mm. or more.	16	15	14	2	7	9	14	10	8	10	11	6	123
(H.W.) See Instruction 2 (f) on other side.	40-999.	141	104	73	19	68	80	Span 99	100	entries required	89	Sept total:	38
(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 1937.

At ... Inverness 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.

Jan. 1, following

C Particulars of Station.

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

Name and Address to which any inquiry relating to this register should be sent: Water Works Culduff Inverness.

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

Nearest Railway Station: Inverness Distance 3 miles gauge N.

Nearest Parish Church at: Inverness Distance 3 miles gauge N.

Nature of objects nearest to gauge Forest 12' 6' trees 30' 40' 50' 60' 70' 80' 90' 100' 110' 120' 130' 140' 150' 160' 170' 180' 190' 200' 210' 220' 230' 240' 250' 260' 270' 280' 290' 300' 310' 320' 330' 340' 350' 360' 370' 380' 390' 400' 410' 420' 430' 440' 450' 460' 470' 480' 490' 500' 510' 520' 530' 540' 550' 560' 570' 580' 590' 600' 610' 620' 630' 640' 650' 660' 670' 680' 690' 700' 710' 720' 730' 740' 750' 760' 770' 780' 790' 800' 810' 820' 830' 840' 850' 860' 870' 880' 890' 900' 910' 920' 930' 940' 950' 960' 970' 980' 990' 1000' 1010' 1020' 1030' 1040' 1050' 1060' 1070' 1080' 1090' 1100' 1110' 1120' 1130' 1140' 1150' 1160' 1170' 1180' 1190' 1200' 1210' 1220' 1230' 1240' 1250' 1260' 1270' 1280' 1290' 1300' 1310' 1320' 1330' 1340' 1350' 1360' 1370' 1380' 1390' 1400' 1410' 1420' 1430' 1440' 1450' 1460' 1470' 1480' 1490' 1500' 1510' 1520' 1530' 1540' 1550' 1560' 1570' 1580' 1590' 1600' 1610' 1620' 1630' 1640' 1650' 1660' 1670' 1680' 1690' 1700' 1710' 1720' 1730' 1740' 1750' 1760' 1770' 1780' 1790' 1800' 1810' 1820' 1830' 1840' 1850' 1860' 1870' 1880' 1890' 1900' 1910' 1920' 1930' 1940' 1950' 1960' 1970' 1980' 1990' 2000' 2010' 2020' 2030' 2040' 2050' 2060' 2070' 2080' 2090' 2100' 2110' 2120' 2130' 2140' 2150' 2160' 2170' 2180' 2190' 2200' 2210' 2220' 2230' 2240' 2250' 2260' 2270' 2280' 2290' 2300' 2310' 2320' 2330' 2340' 2350' 2360' 2370' 2380' 2390' 2400' 2410' 2420' 2430' 2440' 2450' 2460' 2470' 2480' 2490' 2500' 2510' 2520' 2530' 2540' 2550' 2560' 2570' 2580' 2590' 2600' 2610' 2620' 2630' 2640' 2650' 2660' 2670' 2680' 2690' 2700' 2710' 2720' 2730' 2740' 2750' 2760' 2770' 2780' 2790' 2800' 2810' 2820' 2830' 2840' 2850' 2860' 2870' 2880' 2890' 2900' 2910' 2920' 2930' 2940' 2950' 2960' 2970' 2980' 2990' 3000' 3010' 3020' 3030' 3040' 3050' 3060' 3070' 3080' 3090' 3100' 3110' 3120' 3130' 3140' 3150' 3160' 3170' 3180' 3190' 3200' 3210' 3220' 3230' 3240' 3250' 3260' 3270' 3280' 3290' 3300' 3310' 3320' 3330' 3340' 3350' 3360' 3370' 3380' 3390' 3400' 3410' 3420' 3430' 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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. **55755**

FORM 1090 **REGISTER OF RAINFALL IN 1936**
Kept at **TORFAIR** (Year in blue)

in the County of **ANGUS**
Diameter of Funnel of Gauge...**5.7** in.
Height of top of Gauge above Ground...**1.7** ft... in.
Ground See Level **226.440** 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
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	'19		'08	'02		'20	'11	'27	'41		'04		1
2	'08					'06	'01	'05	'49	'02		'03	2
3	'02			'04		'02			'32		'07		3
4	'14			'17					'01		'05		4
5	'76	'04	'05	'14									5
6	'69	'05			'04		'04		'36		'19		6
7	'10									'10		'69	7
8	'14	'07	'28							'31	'28		8
9	'96												9
10													10
11	'06			'08		'56	'34	'57	'71		'03	'09	11
12	'03												12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													
* Days with .01 in. or more.													
* Days with .01 in. or more.													

* Spare column, no entries required.
(Signed) **William Welsh** [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 1936

At **TORFAIR**
In the County of **TORFAIRSHIRE, ANGUS**
Nearest Parish Church **Old Monkton**

Diameter of Funnel **5.7** in.
Height of Top above Ground **1.7** ft... in.
Height of Ground above Sea Level **226.440** ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of days with .01 in. or more	Number of days with .001 in. or more
Jan.	'532	'96	9	16
FEB.	'107	'26	2	12
MAR.	'241	'63	29	13
APRIL	'26	'08	1	9
MAY	'138	'37	17	10
JUNE	'120	'26	12	9
JULY	'178	'83	23	17
AUG.	'145	'54	11	7
SEPT.	'294	'71	11	21
OCT.	'147	'92	26	7
NOV.	'190	'64	7	9
DEC.	'257	'44	17	6
TOTAL	2972	45 129		

If gauge has been moved during the year state—
Date of move...
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?

Rainiest Month Jan 5.32
Driest Month April '08
Largest Rainfall Monday Feb 23 126
Snowfall Jan 17, 20 in.
Feb 4 in.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for names as far as possible.
Name and Address to which any inquiry relating to this register should be sent:—
William Welsh
57 Leaman Street, Torfar, Angus

Hour of observation by the clock—in Winter **9 a.m.** in Summer **9 a.m.**
Nearest Railway Station **Torfar** Direction from **S.E.**
Distance **5.4** miles gauge **1.7** ft.
Nearest Parish Church **Old Monkton** Distance **4.7** miles gauge **1.7** ft.
Nature of objects nearest to gauge **Walls**

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section D is not required if the gauge is not read daily. 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, Edinburgh, through the Meteorological Office.

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 in the register on the reverse side the following rules and instructions apply which also apply 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 be entered in the register as soon as possible after the 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 rainfall recorded on January 2nd. At 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 "No rain." The entry "No rain" or "0" is to be made in the two following cases, (A) and (B).
(A) When there is less than .01 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the gauge after an interval of time, the observer must be reasonably certain that there has actually been precipitation 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, etc.) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially when the water in the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some occasions there is graduation marked .005; this graduation is used for the smaller existing observations in referring "trace" of rain. Readings below this mark are referred 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 taken as though they were on the .005 mark or in the .005 mark that the .01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instrument. An entry .005 is not to be made in the register.

(d) If the normal observations are not available for any day during the month the days covered by the next reading should be indicated by a bracket. Thus 17 | 14 would show that the reading on the 17th of 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 .04 in. or more" includes all the days with any rain except those for which the entry is "trace." 0.03 in. is included in the .04 in.

(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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REGISTER OF RAINFALL IN 1938													
Kept at <u>Deer near Arbroath</u> in the County of <u>Angus</u>													
Diameter of Funnel of Gauge..... <u>5 in.</u>	Height of top of Gauge above Ground..... <u>0 ft.</u>	Height of top of Gauge above Sea Level..... <u>0 ft.</u>	400 March cont'd for arith. Sept. cont'd for Jan. 3202.										
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	0.8	7.1	1.1	8.3	-	Trace	0.9	-	Trace	-	16.9	9.1	1
2	0.7	5.4	2.3	4.5	-	8.4	0.4	-	2.2	3.6	6.7	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	1.2	0.3	0.4	Trace	-	5.0	1.6	26.3	-	-	5
6	3.8	0.3	0.2	1.1	2.0	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	1.1	-	0.2	8.0	0.2	0.3	8
9	2.8	7.9	0.4	-	1.4	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	3.3	4.6	1.8	-	12
13	3.9	Trace	-	-	3.6	-	0.3	0.2	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	7	-	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	12.4	4.3	-	Trace	2.9	1.3	3.2	26
27	12.6	4.3	2.1	0.2	3.9	35.6	4.7	3.3	-	2.1	1.9	1.8	27
28	6.2	3.8	3.9	0.2	3.6	0.8	8.9	2.4	1.9	1.4	-	9.0	28
29	1.0	X	15.9	-	0.5	0.9	4.6	Trace	-	12.9	1.9	3.7	29
30	17.6	X	2.0	-	1.4	Trace	4.7	0.3	-	7.6	Trace	1.9	30
31	12.4	X	2.3	X	1.9	X	0.2	10.7	X	7.1	X	3.8	31
TOTAL	133.7	71.6	7.9	36.6	80.6	109.2	72.5	62.9	58.1	161.1	111.5	112.3	Year Total 1086.8 ✓
Days with 0.1 mm. or more.	X 30	M 173	25X	R 4	23.6	22.7	22.8	7.8	18.2	29.8	25.8	25.5	65.2
Days with 0.2 mm. or more.	26	14	20	12	17	15	14	9	14	26	18	21	20.6 ✓

(441W) See Instruction 3 (f) on other side. * Spare column, no entries required, except year's total.

(Signed) W. H. S. P.T.O.

526 282 307 144 317 430 285 248 229 635 439 442 4284 ✓

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 1938...													
At In the County of													
Diameter of Funnel.....in.													
Height of Top above Ground.....ft. Height of Ground above Sea Level.....ft.													
Month	Total Depth Millimetres	Greatest Fall in 24 hours Millimetres	Number of Days with 0.1 mm. or more or more										
JAN.													
FEB.													
MAR.													
APRIL													
MAY													
JUNE													
JULY													
AUG.													
SEPT.													
OCT.													
NOV.													
DEC.													
TOTAL													
If gauge has been moved during the year state -													
Date of move..... Distance..... Direction.....													
In giving patterns of gauge it is necessary to show sketches of cross sections of gauge when not round. If the pattern is different from that 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.													
A B C D E													
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? at 9 a.m.													
On October 13 th 30.7 mm. Nov. 5 th 26.3 ..													
Signature ... W. J. Moore													
* 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 to Superintendent, Meteorological Office, 6 Drumshagh Gardens, Edinborough 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 Meteorological Office.													
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) The measurements each month are to be given in 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 12 a.m. on January 1st; it is therefore the amount recorded on January 2nd at 12 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.													
(b) The readings 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 0.1 mm. 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 may be certain that the rain has only been precipitation since the previous 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 (for other forms 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 rain having been even damp, the small amount of rain having evaporated before it got into the receiver.													
(c) On some occasions there is graduation marked 0.5; this graduation is for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" and the condition stated in paragraph (b) are satisfied. Readings on the 0.5 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 "0" is not to be made in the register. Thus an entry 3 6 would show that the reading on the 15th of the month was missed and that the reading on the morning of the 16th was 3.6.													
(d) The total rainfall for the month is to be added. The addition should be made 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 "number of days with 0.1 mm. or more" includes all the days when the rainfall for the day is 0.1 mm. or more. 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, 0.9 mm.													
(f) If the observer has an available scale 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.													
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Wt. 112.74. 1.000. 4/36. W. H. & S. 668/2													

COPY FOR OFFICIAL USE

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

Station No. 56425

FORM 1090

REGISTER OF RAINFALL IN 1938,

Kept at**CRAIGIEBUKLER.**
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.

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.	.13	trs.	.09	1.14	16
17	—	.03	—	.01	.01	—	.05	.18	.23	—	—	.08	17
18	.07	.02	—	.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	.08	.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	■	—	—	.03	.30	.12	.03	.34	—	.14	—	30
31	.08	■	—	■	■	.30	■	.05	■	.03	■	—	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 1 in. or more.	22	16	10	13	21	21	21	17	18	17	19	22	217 ✓
Days with 1/2 in. or more.	17	10	5	7	15	15	18	10	15	13	19	22	166 ✓
† Spare column, no entries required.													[P.T.O.]

* See Instruction 3 (f) on other side.

FORM 1090.		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>			
RAINFALL IN 1938.			
At ... CRAIGIEBUCKLER. In the County of ... Aberdeen.		C Particulars of Station.	
Diameter of Funnel. 5. in. Height of Top above Ground 1. ft. in. Height of Ground above Sea Level. 220.		MетеoroLOGICAL OFFICE, EDINBURGH. Every observer is requested to fill in this section and also 16 JAN 1939 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 ... N.E. Nearest Railway Station Ruthrieston Distance 1. mi. Gauge ... S.E. Nearest Parish Church at Craigiebuckler Distance 1/2. mi. Gauge ... N.E.	
		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 gauge which do not represent it. If the pattern is different from any of these please make a sketch of it. (For gauge 1, 100 mm. use all those marked A and B.) If the gauge is of a self-registering or self-recording type please give particulars.			
Rain Gauge Month Total Depth Greatest Fall in 24 hours Number of Days with Rain or more than 1 mm. inches inches Date		JAN. 2.68 .57 14 22 17 FEB. 1.18 .28 10 16 10 MAR. 0.65 .28 22 10 5 APRIL 0.85 .33 2 13 7 MAY 3.00 1.05 15 21 15 JUNE 3.78 .64 2 21 15 JULY 4.57 1.26 7 21 18 AUG. 1.14 .37 21 17 10 SEPT. 4.33 1.55 6 18 15 OCT. 3.14 .89 3 17 13 NOV. 3.21 .76 23 19 19 DEC. 4.35 1.14 16 22 22 TOTAL 33.57 217 166	
Signature Hugh D. Welsh			
* See Instruction 3 (f) below.			
D INSTRUCTIONS.			
1. Section A should be completed in the case of gages read daily. Information on Section B is required only if Section A cannot be used. Section C should be completed if Rainfall registers should be forwarded. 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 may be printed in bold 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 as shown, and entered in the register at the time of the next entry. In case of rain falling during the night for 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. a.m. Greenwich Mean Time is 10 a.m. by the clock during 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 (—). The entry "trace" or "tr" is to be used when two falls occur on one day. (c) 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 rain-gauge, he should enter "0" in the register. 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 snow, then the mark "0" should be used. (d) 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 partially exposed. The amount of rain having evaporated before it got into the receiving can. (e) On some measures there is graduation marked .005; this graduation is put out for the purpose of assisting observers in reporting very small amounts of rain. An entry ".005" is to be made 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 taken as .01 even though they may be nearer to the .005 mark than to the .01 mark. In this particular case the usual rule of reading to the nearest mark is superseded by this special instruction. An entry .005 is not to be made in the register. (f) If the morning observation has to be omitted for any reason, the days covered by the omission should be indicated by a bracket. Thus 17. 1-14 would show that the reading on the 18th day of the month was missed and that the reading on the morning of the 19th was 14 in. (g) 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 part of the register. (h) 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 entry is ".005." (i) If observations are made and available for every day during the month the spaces for the number of days with rain should be left blank. (j) The heaviest daily fall for each month should be underlined. (k) 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. **5026-5**

FORM 1090 **REGISTER OF RAINFALL IN 1940**

Kept at **CARRUCCHAN**
in the County of **KITKUDUBIGHI**

Diameter of Funnel of Gauge.....**5** in.

Height of top of Gauge above Ground.....**1 ft. 2 in.**

Ground See Level **73** ft.

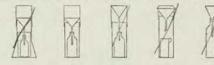
THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY.

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
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
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	.22	-	.3	6
7	.26	.07	-	.03	.10	-	.9	.10	.4	.13	.7	-	7
8	-	-	.10	-	-	-	.10	.5	-	.75	.66	.35	8
9	-	-	.19	.02	-	-	.33	.8	.4	.83	.11	.24	9
10	-	-	.25	-	-	-	.99	-	-	.1	.24	.10	10
11	-	-	.12	.01	-	-	.197	-	.28	-	.75	-	11
12	-	-	.05	-	-	.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	.4	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	.1	.9	-	.4	-	.21	-	23
24	.71	.05	.02	.04	.06	.1	.6	-	.1	-	.1	-	24
25	.03	-	-	-	.17	.7	-	-	-	-	.2	-	25
26	.20	.28	.01	-	.05	-	.2	.3	-	.1	.9	-	26
27	.47	.16	-	-	.01	-	.40	-	-	.2	-	-	27
28	.08	-	.08	.04	.36	-	-	.6	-	.4	-	.5	28
29	-	-	.26	.02	.72	.10	.7	-	-	.12	-	.15	29
30	.01	X	.06	.10	.02	-	-	-	-	.23	-	.40	30
31	-	X	.62	X	X	-	-	X	+X	-	-	-	31
TOTAL	213	149	469	245	211	88	661	82	360	494	514	510	3,996
* Days with 0.01 in. or more.	11	4	14	2	2	2	18	5	12	4	23	4	15
* Days with 0.001 in. or more.	7	12	19	1	31	8	4	19	7	14	10	15	17
† Spare column, no entries required.													
(Signed) H. Alice Clark-Maxwell													
[P.T.O.]													

* See Instruction 3 (f) on other side.

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<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>																																																																																								
<p>(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>																																																																																								
<p style="text-align: center;"><i>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.</i></p>																																																																																								
<p style="text-align: right;"><i>measured..... Jan. 27th 1938</i></p>																																																																																								
<p style="text-align: center;">D INSTRUCTIONS.</p>																																																																																								
<p>I. Section A should be completed in the case of gauges read daily. Section B should also be completed if Section A cannot be filled in. Section C should also be completed if Sections A and B are not given. The results of the measurements and observations should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or the Superintendent, Meteorological Office, 6 Drumshagh Gardens, Edinburgh 3.</p>																																																																																								
<p>Rules for measuring the rainfall are given correctly recording the measurements given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in I above.</p>																																																																																								
<p>Rules should be observed. Those rules which apply also to the summer form above are printed in the following:</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. That is to say, for January 1st it is the rainfall for 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.</p>																																																																																								
<p>The Greenwich Mean Time is 10 a.m. by the clock during Summer 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 "none" or "nil" or "0" or "trac." It is to be made in the two following cases, (A) and (B).</p>																																																																																								
<p>(A) When there is less than .001 in. of water in the gauge and the observer knows that this is not the result of a drop or two falling during the night, the observer should empty the rainwater out of it at a previous time of observation, the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer finds that the water which 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,</p>																																																																																								
<p>sleet or drizzle) has fallen since the preceding observation and yet finds no water in the gauge. This happens sometimes in dry, warm weather, with the gauge 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 .005; this graduation is to be used for all measurements of rain except "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, should be taken as .005. Readings above the .01 mark are to be taken as .01. In this particular case the general rule of reading to the nearest mark is破壞 by this special instruction. An entry .005 is to be read as .01.</p>																																																																																								
<p>(d) If exceptionally observations have to be submitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 [] 24 would show that the reading on the 18th of the month was missed and that the reading on the morning of the 19th of the month was 24 in.</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 had already been found in another part of the register.</p>																																																																																								
<p>(f) The "number of days with 0.1 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with 0.1 in. or more" is to be underlined.</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>4. The columns are so spaced that the entries can be made by a typewriter.</p>																																																																																								
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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 1949
Kept at **Ballatermund (Halligarth)**
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 30 ft.....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	48.1	2.1	12.8	-	0.4	-	0.1	2	11.2	2.8	1.2	0.8	1	
2	1.3	2.7	0.8	3.0	0.7	0.4	-	5.8	0.2	1.8	5.2	1.0	2	
3	6.6	0.2	2.0	6.1	-	-	2.1	7.4	0.1	1.2	6.8	0.3	3	
4	2.7	0.1	1.9	3.9	-	0.2	0.1	1.1	2.1	7.5	2.8	3.8	4	
5	4.4	-	9.3	1.4	2.7	0.1	-	1.1	0.4	0.1	0.3	19.7	5	
6	1.9	-	4.8	0.1	5.2	6.5	-	1.9	0.5	0.5	2.9	11.5	6	
7	10.6	3.5	3.5	1.6	0.4	0.4	-	1.0	1.4	2.3	8.8	22.9	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	11.8	14.2	1.7	1.7	0.1	1.0	-	3.9	11.5	0.1	4.0	0.0	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	8.1	2.7	20.9	5.7	-	1.1	1.3	1.6	2.5	14.5	0.1	2.0	11	
12	9.8	9.9	5.0	3.6	-	5.2	0.5	13.9	-	4.0	9.8	4.5	12	
13	11.1	4.7	6.9	6.4	2.6	4.1	0.8	-	0.9	4.0	2.8	-	13	
14	1.5	4.9	2.5	0.4	4.5	2.7	-	1.6	8.6	0.6	0.3	8.1	14	
15	9.4	8.2	1.2	6.8	0.9	0.2	-	2.8	2.6	1.1	-	2.3	15	
16	11.6	7.5	0.7	0.8	11.5	-	-	2.8	0.3	0.1	1.5	19.0	16	
17	8.4	2.6	6.9	0.1	1.0	-	0.1	-	0.3	0.3	4.1	-	17	
18	10.1	3.8	3.1	3.1	1.3	-	3.6	6.1	-	17.6	3.0	4.0	18	
19	11.5	0.4	2.6	4.3	0.2	-	0.3	0.4	-	6.8	4.1	4.5	19	
20	9.4	1.8	5.5	4.4	-	-	0.1	0.4	2.0	9.0	4.5	8.0	20	
21	1.2	6.8	1.6	3.5	-	-	-	1.0	0.5	9.5	4.3	8.5	21	
22	11.6	17.4	1.4	1.7	-	-	-	0.6	0.2	0.8	9.4	1.0	22	
23	7.4	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	8.2	4.3	0.6	6.1	24	
25	2.6	6.6	2.2	1.2	1.6	-	2.0	0.1	0.6	2.4	2.8	5.5	25	
26	0.3	3.8	0.2	2.9	1.6	-	0.1	0.8	0.8	7.5	0.5	7.9	26	
27	1.2	8.7	0.1	12.1	0.8	0.4	4.8	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	1.8	15.0	3.9	X	-	X	1.1	-	-	31
32	6.8	1.7	10.8	2.0	1.7	1.37	1.80	3.23	3.28	4.95	4.63	7.57	32	
TOTAL	175.2	124.4	103.7	92.4	144.9	34.8	45.7	82.0	82.0	125.8	122.6	193.3	226.1	
* Days with 10 mm. or more	30	25	27	27	21	15	15	26	23	27	28	29	293	
* Days with 10 mm. or more	31	23	20	22	13	9	10	15	13	20	21	28	221	

* See Instruction 3 (f) on other side.

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

(Signed) F.R.F.B. 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
Nearest Railway Station Distance from
Nearest Parish Church at Distance from
Rain Gauge Diameter of Funnel in.
Height of Top above Ground ft. in.
Height of Ground above Sea Level ft.

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:—

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, Driffield Gardens, Edinburgh 3.

2. Rules for recording the rainfall for correctly recording the measurements are given on the reverse side for Rainfall Observers.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summaries for annual returns are given below.

(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 due time of observation. Thus if 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.

(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 "t" is to be used when there is no precipitation, i.e., when the gauge is empty.

(c) On some measures there is a graduation marked ; 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 above this mark are put in brackets and the 0.1 mark is 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 is to round the reading to the nearest mark is superseded by this special instruction. An entry 0.5 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 | 36 would show that the reading on the morning of the 18th day of the month was missed and that the reading for the 19th to the 36th inclusive was added.

(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 10 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, 0.9, 1.0 mm.

(g) All observations are not suitable for every day during the month of December. The figures 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.	95439/5
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION													
FORM 1091.													
REGISTER OF RAINFALL IN 1941.													
Kept at in the County of PORT ELLEN ISLAY ARGYLLSHIRE													
Diameter of Funnel of Gauge in. Height of top of Gauge above Ground ft., in. Ground 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	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	Readings of rainfall commenced										Trace	0.4	11
13	on 7th September 1941										1.7	6.9	12
14											1.4	2.5	13
15											0.5	12.6	14
16											0.3	4.9	15
17											—	14.2	16
18											—	2.7	17
19											—	8.0	18
20											—	2.3	19
21											—	0.1	20
22											—	Trace	21
23											—	1.3	22
24											—	—	23
25											0.8	—	24
26											1.1	0.3	25
27											7.2	8.1	26
28											18.4	0.8	27
29											7.9	0.7	28
30											9.1	0.7	29
31											2.1	0.4	30
TOTAL											1.93	4.11	31
* Days with 0.3 mm. or more											4.90	10.44	Year's Total
* Days with 1.0 mm. or more											10.5	21	27.72
(114W)	* See Instruction 3 (f) on other side.										10	15	19
	† Spare column, no entries required, except year's total.										(Signed)		P.T.O.

J

Section **A** for the entry of Daily Observations
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION
FORM 1090 **REGISTER OF RAINFALL IN 1941**

Kept at *Clackmannan, Water Works, Pittenweem*
in the County of *Fife*.
Diameter of Funnel of Gauge.....*21 in.*
Height of top of Gauge above Ground.....*1 ft.*.....in.
Ground Sea Level.....*1 m.s.t.*.....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	0.20	0.08	0.23	0.04					0.01	0.18			1
3	0.43	0.08	0.03	0.29			0.24			0.26			2
4			0.23	0.40						0.28			3
5			0.20				0.14			0.02			4
6			0.30	0.34	0.03		0.03	0.08		0.10		0.05	5
7			0.25	0.40		0.04	0.11	0.01		0.01		0.09	6
8			0.04	0.08			0.22			0.28			7
9			0.08	0.08				0.01					8
10			0.04				0.08	0.03	0.03	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	0.08	0.15		13
14		0.24		0.11	0.10	0.24	0.04			0.08	0.16		14
15		0.30	0.25	0.01		0.17	0.20		0.01	0.12			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				0.68						18
19		0.30	0.01			0.13	0.03	0.06	0.42	0.14			19
20		0.30	0.14			0.13	0.04		0.10				20
21	0.42	0.60	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				0.82			0.11				23
24	0.36		0.44	0.07					0.16				24
25	0.02		0.17			0.35	0.05	0.27	0.01				25
26	0.01	0.08	0.42	0.03			0.22			0.10			26
27	0.03	0.10	0.10	0.05	0.38			0.16					27
28	0.05	0.04	0.02	0.02		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		0.80				0.05	0.15	0.10	0.20	0.10			30
31	0.03	0.04	0.04			0.01	0.01	0.10					31
TOTAL	2.19	2.92	2.86	1.92	1.90	0.97	2.74	2.80	1.24	3.20	3.19	0.43	27.96
* Days with 0.01 in gauge.													✓
* Days with 0.04 in gauge.													
* Days with 0.06 in gauge.													
Total	15	20	16	16	11	7	19	22	9	16	19	7	177
	11	20	13	13	8	6	15	18	5	11	15	7	145
	11	20	13	13	8	6	15	18	5	11	15	7	145

* See Instruction 3 (f) on other side. † Spare column, no entries required.

(Signed) *Charles Lainell* 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 1941...

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

Rain Gauge

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with Rainfall of 0.01 in. or more	Directions from gauge		
				Inches	Inches	Date
JAN.						
FEB.						
MAR.						
APRIL						
MAY						
JUNE						
JULY						
AUG.						
SEPT.						
OCT.						
NOV.						
DEC.						
TOTAL						

If gauge has been moved during the year state—
Date of move.....
Distances.....
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, S.C. 2. The Director, Meteorological Office, 6 Dunsheugh 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 Director, 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) The gauge should be measured immediately after 9 a.m., Greenwich Mean Time. The measurement is to cover 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 ending at 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. The entry for January 1st is the 9 a.m. Greenwich Mean Time period.

(b) The reading should be stated 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 has been less than 0.05 in. of water in the gauge and the observer knows that the result is 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 is reasonably certain that there has actually been precipitation since the previous measurement, the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(C) The observer knows from his own observation that some rain (or other form of precipitation such as snow, hail,) by a typewriter.

(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 of special interest is to add the total for the month with any rain except those for which the entries are trace, 01, 02 or 03.

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

(f) 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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5 JAN 1942

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 1942

Kept at **LOGAN House**
in the County of **Wigtown**
Diameter of Funnel of Gauge. **8** in.
Height of top of Gauge above Ground.....ft.....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.

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	062	001	019	=	001	=	002	005	003	=	=	=	2
3	025	080	002	019	=	=	005	059	067	003	=	=	3
4	030	011	059	043	=	=	004	061	001	016	=	=	4
5	=	004	060	023	=	=	=	=	003	001	003	006	5
6	001	002	030	019	=	=	005	020	022	=	002	=	6
7	001	=	027	013	=	005	014	058	065	009	013	008	7
8	003	003	=	026	=	=	038	040	003	015	001	=	8
9	=	005	=	010	=	=	028	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	000	004	029	=	001	023	005	=	013	005	015	12
13	001	=	007	=	=	014	001	006	=	018	=	001	13
14	008	=	016	=	=	016	009	008	004	015	=	023	14
15	=	008	=	042	=	039	017	003	011	003	036	=	15
16	004	=	026	=	=	=	004	101	010	013	=	051	16
17	023	=	004	=	061	001	=	001	004	022	=	003	17
18	001	=	001	=	001	=	=	021	000	001	=	005	18
19	082	=	010	=	029	=	=	001	006	007	001	023	19
20	004	=	004	=	=	019	=	=	040	007	001	046	20
21	012	=	002	=	009	001	014	030	004	024	=	003	21
22	190	=	001	=	001	=	045	003	011	001	=	001	22
23	048	=	001	006	023	=	066	=	004	000	002	003	23
24	046	034	001	=	024	=	001	091	013	=	001	007	24
25	013	=	=	001	=	031	023	004	173	=	003	=	25
26	005	=	002	=	006	=	003	001	001	125	=	004	26
27	026	018	001	=	033	003	=	=	002	028	=	006	27
28	003	041	006	002	011	=	030	=	014	002	=	009	28
29	001	020	=	024	=	=	002	006	001	019	001	=	29
30	052	=	021	=	=	=	=	=	016	=	043	036	30
31	067	=	023	=	013	=	=	006	=	=	062	=	31
TOTAL	6.92	2.46	3.87	2.56	2.94	0.59	3.31	4.01	3.66	5.86	0.70	5.44	42.32
Days with rain or more.	29	14	24	12	16	10	14	28	24	25	12	24	237
Days with 30 or more.	X7	811	218	211	213	=41	214	115	419	217	=5	219	20
Year Total													15
See Instruction 3 (f) on other side. * Spare column, no entries required, except year's total.													(Signed) K. McDonald [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 **LOGAN**
In the County of **Wigtown**
Nearest Parish Church at **Hilltown**

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. or more
JAN.	6.92	1.90	22
FEB.	2.46	0.80	2
MAR.	3.87	0.60	5
APRIL	2.56	0.48	4
MAY	2.94	0.61	17
JUNE	0.59	0.17	20
JULY	3.31	0.66	23
AUG.	4.01	0.91	24
SEPT.	3.66	0.64	2
OCT.	6.86	1.73	25
NOV.	0.70	0.15	29
DEC.	5.44	0.62	31
TOTAL	23.22	237.38	163

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-recording type please give particulars.

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B may be given if the gauge can be forwarded to the Director, Meteorological Office, Air Ministry, St. Andrews, or to the Superintendent, Meteorological Office, Edinburgh, without damage.

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

3. When the gauge is registered 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, and the entry "9 a.m." is to be traced to the previous day and should be entered in the register on the first day 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 the 1st January.

(b) 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 "it" is to be made in the following cases (A) and (B).

(A) When the observer knows definitely from his own observation that the gauge 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 knows that there has actually been precipitation since the preceding measurement.

(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, hot 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 very small amounts of rain. The mark is 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 to the .01 mark. This is to supersede 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 if 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 .44 in.

(e) The total rainfall for the month is found by addition. The addition should always be made in the same 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 entries are trace." The "number of days with 30 in. or more" includes all the days with any rain except those for which the entries are trace, 01, 02, 03, 04.

(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
19 JAN 1943

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 (Rossloman's House) (Gardens)** *for arithmetic - descremages* **7245**

Diameter of Funnel of Gauge.....**5.6** in ✓
Height of top of Gauge above Ground.....**1 ft. 6 in.**

"Ground" Sea Level.....**90.56**

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	.80	.22	.10	.26	-	-	.05	.02	-	2	
3	.14	.15	.04	.90	.18	.09	.28	-	.14	.44	.01	.09	3	
4	-	.08	.01	.11	.64	.18	.05	-	.30	.10	.25	-	4	
5	.09	-	-	-	.04	.01	-	-	.03	.06	.01	-	5	
6	.02	.01	-	-	-	-	.01	-	-	.09	.02	-	6	
7	.14	.21	-	-	.04	-	-	.04	-	.03	.68	-	7	
8	-	.10	.01	-	.08	.06	-	.00	.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	.00	.04	.13	-	-	.08	-	-	-	.01	.01	-	12	
13	.19	.28	.12	-	.05	.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	.45	.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	-	.08	-	.02	.05	-	.52	.61	.19	.08	20	
21	-	.02	.01	.18	-	-	-	-	-	.01	.16	.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	.40	.01	.09	.22	.15	.08	25	
26	.04	.14	-	-	.28	-	-	.24	.09	-	.02	-	26	
27	.03	-	.01	.02	.09	.29	-	.48	.11	.01	.12	-	27	
28	.35	.01	.12	.11	.03	-	-	.04	.02	.42	.03	-	28	
29	.01	.24	.10	-	-	.02	-	.10	.02	-	-	-	29	
30	-	.02	.13	-	-	.01	-	.03	.24	-	.02	.15	30	
31	.01	☒	.01	☒	.09	☒	-	-	☒	7	☒	-	31	
TOTAL	2.23	2.06	1.47	2.67	2.49	2.10	2.00	1.68	2.61	3.48	3.51	3.90	24.62	31.07
* Days with rain or more.	18	21	12	14	18	19	14	10	10	18	22	25	22	26
* Days with 0.05 in. or more.	10	13	11	13	15	14	10	6	14	14	16	10	15	14

* See Instruction 3 (f) on other side. ↑ Spare column, no entries required, except year's total.

(Signed) *John T. M. Gardener* *for his Master's Orders*

Station No. **5650**

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
Nearest Railway Station Distance ft. gauge Direction from
Nearest Parish Church at Distance ft. gauge Direction from
Nature of objects nearest to gauge *Each House, Tree, shed, Wood, Wood*
Height of Ground above Sea Level ft. in. ft. in.
Height of Gauge ft. in. ft. in.

Month	Total Depth	Greatest Fall in 24 hours	Number of days with rain or more than 0.05 in. or more	
			Inches	inches
JAN.				
FEB.				
MAR.				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
TOTAL				

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-re-ordering type please give particulars.

x a b c d e f

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 completed. Section C should also be completed. Rainfall registers should be forwarded to the Meteorological Office, Air Ministry, Stowhouse, Gloucest. 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 address given 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) Rainfall should be entered at approximately 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. As 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. When there has been rain the entry "0" or "00" is to be made in one of two following cases (a) and (B).
(A) Where there is less than 0.05 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 rain-gauge 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 previous measurement. If the observer knows that the precipitation has been in the form of dew or snow for the past may note.

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

4. The columns are so spaced that the entries can be made in the spaces for the number of days with rain should be left blank.

5. The heaviest daily fall for each month should be underlined.

LONDON HIS MAJESTY'S STATIONERY OFFICE 1942

WT. 54584/5953 10,000 4/43 W.H.S. 668/01

M.C. 32
12 FEB 1945
B.R.

5 JAN 1945

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION

Station No. 5678/5

FORM 1090

REGISTER OF RAINFALL IN 1944

Stevens (See Below)

Kept at [redacted] in the County of [redacted]

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

Height of top of Gauge above Ground..... 1 ft. 10 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	.04	.11	.17	—	.01	.51	.01	—	.14	.04	.06	.06	1
2	.14	.10	.08	.20	.01	.01	.09	—	—	.15	.07	.13	2
3	.18	.15	.03	.18	.12	.13	.04	—	.10	.13	.02	.20	3
4	TR	.05	.04	.38	.31	.05	.39	—	.28	.17	.24	.01	4
5	.13	.01	.01	.12	TR	.01	TR	—	.02	.05	.08	TR	5
6	.02	TR	—	—	.40	TR	.04	—	TR	.04	5 TR	6	
7	.34	.12	—	—	—	—	.35	.01	.03	.07	.05	7	
8	.18	.01	—	—	TR	—	—	.50	.17	.01	.17	.13	8
9	.18	.06	.01	TR	.05	.10	TR	.01	.03	—	.01	.01	9
10	TR	.05	TR	—	—	.03	.36	.06	TR	.01	.47	10	
11	.15	—	.01	—	—	.02	—	.02	—	.26	.02	.84	11
12	.07	—	.18	.01	—	.07	—	.01	—	—	.35	.03	12
13	.20	.10	.18	—	.03	.06	.01	.05	.02	.12	.31	.01	13
14	—	—	—	—	—	.00	TR	.04	.24	.14	.23	—	14
15	TR	—	.07	TR	—	.10	.32	.03	.19	.05	.44	—	15
16	—	—	.03	.09	.31	.01	TR	.01	.37	✓	.02	.04	16
17	—	—	.06	.01	.14	—	—	.01	—	X	.05	—	17
18	.01	—	.02	—	.16	—	—	TR	—	X	.03	—	18
19	—	.19	.12	TR	.12	—	TR	.05	.41	CHS	.01	—	19
20	—	.07	.04	.03	—	—	.03	.04	.01	X	.04	.04	20
21	.03	.01	.02	.02	TR	—	.03	—	—	TR	.04	—	21
22	.03	.01	.01	.11	.02	.01	.01	—	.20	X	.14	TR	22
23	.08	—	—	.04	.01	—	TR	—	.71	TR	.01	TR	23
24	.07	—	.02	.02	.18	.14	—	.04	.04	.10	.03	.03	24
25	.13	.06	.23	.01	.01	.34	.14	—	.15	.01	TR	.07	25
26	.30	.11	.02	—	TR	.10	.26	TR	.54	.13	.03	.05	26
27	.22	.11	TR	.04	.08	.50	.01	.05	.06	—	.16	TR	27
28	.15	—	.02	.09	.17	.01	—	TR	TR	.21	.02	—	28
29	.03	.11	.08	—	.01	—	—	.01	TR	.06	.01	.05	29
30	—	X	.04	TR	.01	.06	.08	.16	.13	.05	TR	.06	30
31	—	X	TR	X	—	X	—	.17	X	.06	X	TR	31
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 ✓
* Days with 0 in or more.	21	18	23	15	18	21	14	19	20	258	26	19	238 ✓
Days with 0 in or more.	16	14	11	9	10	14	8	13	14	20	14	15	158 ✓

* See Instruction 3 (f) on other side. † Spare column, no entries required, except year total.

(Signed) *[Signature]* *[Signature]* 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 Diameter of Funnel..... in.

Height of Top above Sea Level..... ft. Height of Ground above Sea Level..... ft.

Rain gauge

Month	Total inches	Greatest Fall in 24 hours inches	Number of Days with more than or more than inches	Date		
				1	2	3
JAN.						
FEB.						
MAR.						
APRIL						
MAY						
JUNE						
JULY						
AUG.						
SEPT.						
OCT.						
NOV.						
DEC.						
TOTAL						

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.

Very warm weather in end of January. Temp on our terrace on 31st Dec was 68 deg.

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:—

112 High Street, Tadcaster.

Hour of observation by the clock—in Winter..... 8 A.M. in Summer..... 10 A.M.

Nearest Railway Station..... Birstall. Distance..... 1½ miles.

Nearest Parish Church at..... Spofforth. Distance..... 2½ miles.

Nature of objects nearest to gauge

Height of objects

Distances

Directions from gauge

D INSTRUCTIONS

I. 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, Meteorological Observatory, 6 Drury Lane, London, W.C. 1.

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

3. In filling in the register on the reverse side the following rules should be observed. Those points 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., or whenever there is time available. The measurement should be taken at the previous day, and should be made in the morning 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 recorded on January 2nd.

(b) The general rule of reading to the nearest mark is superseded by this special instruction. An entry .00 is not to be made in the register.

(c) If the morning observation has to be omitted for one day or more, a dash (—) should be put in the register for the next reading should be indicated by a bracket. Thus 17 .14 would show that the reading on the 18th was omitted.

(d) The 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 "number of days with 0 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.

(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.

(h) The columns are so spaced that the entries can be made by a typewriter.

LONDON
HIS MAJESTY'S STATIONERY OFFICE
1942

Wt. 5678/04481 10,000 3/44 W.H. & S. 668/91

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 1945.

Kept at JOHNSTONE (Birkiefield) Days acquired in Jan. 1945

Diameter of Funnel of Gauge..... 5 ft.....in.
Height of top of Gauge above Ground..... 100 ft.....in.
Ground See Level 100 ft.....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	
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	.19	—	—	.03	—	5	
6	—	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	.36	.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	—	.10	X	.27	.02	.03	.20	.03	—	.01	.11	.04	—	29
30	—	.04	X	.56	—	.03	.23	—	.05	.01	.26	.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 0 in or more.	1211	25	15	12	20	20	17	12	17	17	11	20	198 ✓	
Days with 0 in or more.	1049	24	13	10	15	19	12	10	13	16	7	15	163 ✓	
* See Instruction 3 (f) on other side. + Spare column, no entries required, except year's total.														
(Signed) James M. Hurd P.T.O.														

Station No. 52917

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 1945

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.

Nearest Railway Station Hawton - Cark Direction from Distance 1 mile gauges E. Nearest Parish Church at Kibberland Direction from Distance 1 mile gauges 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 drawing 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 the particular 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?

C Particulars of Station

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. 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 will for correctly recording the measurements given in Rule 1 for Rainfall Observers, to be obtained gratis from the address 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 summer rainfall may be found in the type of gauge.

(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. The entry for January 1st is the rainfall for 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

(b) Rules for measuring the rainfall will for correctly recording the measurements given in Rule 1 for Rainfall Observers, to be obtained gratis from the address given in I above.

(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 "0" if the conditions stated in paragraph (b) are satisfied. Readings from this 0.005 mark and above are entered as .005 even though they may be nearer to the .005 mark than the .01 mark. In this particular case the general rule of reading "0" for marks below .005 is superseded by the special instruction. An entry .005 is 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 value 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 entry is "trace." The "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.

(i) The columns are so spaced that the entries can be made by a typewriter.

LONDON HIS MAJESTY'S STATIONERY OFFICE 1945
Wt. 32225/02368 10/45 W.H. & S. 668/91

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)** (SPRINGFIELD PARK)
in the County of **Angus**.

Diameter of Funnel of Gauge.....**5** in. **5**

Height of top of Gauge above Ground.....**ft. 9** in. **795 (now 10)**

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	0.2	-	-	b	-	2.8	-	9.3	-	2.8	-	-	1	
2	-	-	-	1.5	-	-	-	0.4	0.5	1.1	0.1	1.2	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	-	3.2	-	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	-	0.4	-	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	30.0	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	-	-	3.1	-	-	4.2	0.1	-	1.9	-	29	
30	0.6	X	-	-	3.1	-	-	4.2	0.1	-	1.9	-	30	
31	b	X	-	-	0.3	X	-	0.9	X	3.3	X	-	31	
TOTAL	1.15	5.98	5.03	2.01	1.46	1.85	2.05	2.49	1.15	3.01	4.304	14.5	26.51	
* Days with 0.2 mm. or more	29.1	24.8	23.6	51.1	37.0	21.6	52.0	63.2	29.1	76.5	77.3	36.8	52.0	
* 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	14.3	
Total	8.1	7.1	7.1	7.1	5.1	6.1	7.1	5.1	10.1	13.1	11.1	9.1	7.1	

* See Instruction 3 (f) on other side.

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 1949

At In the County of

Diameter of Funnel.....in.

Height of Top above Ground.....ft. in.

Height of Ground above Sea Level.....ft. in.

Jan. 1, following **T.F.**

Rain Gauge

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

If gauge has been moved during the year state —

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

Indicate pattern of gauge in use by deleting the letters which describe 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 —

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.....

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

Nature of objects nearest to gauge

Height of objects

Distances ...

Directions from gauge ...

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. Section C should also be completed. Rainfall registers should be forwarded to the Meteorological Office, Headstone Drive, Harrow, Middlesex, or to the Superintendent, Meteorological Office, 6, Drumshane Gardens, Edinburgh 3.

2. Rules for measuring the rainfall are given for correctly recording the measurements for the雨量器 (Rainfall Observers), to be obtained gratis from the address 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 may be printed in full 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 ending 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean 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 entries "trace" or "tr." is to be used when no rain has fallen. (A) or (B).

(c) When there is less than 0.1 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 rain gauge, he 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 drizzle for this reason he must enter (A) or (B).

(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 | should show that the reading on the 17th day of the month was missed and that the reading on the 19th day of the month was taken.

(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 0.2 mm. or more for which the entry is 0.1 or more. 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, 0.9, 1.0.

(g) If observations are not suitable 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

WT. 18275/0700 1,000 6/46 W.H. & S. 668/92

REGISTER OF RAINFALL IN 1946.													Station No. 5782/8	
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION														
Kept at <u>Trenance</u> , <u>Padstow</u> , <u>Cornwall</u> in the County of <u>Cornwall</u> .														
Diameter of Funnel of Gauge 5" in.														
Height of top of Gauge above Ground 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	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	
14	14	
15	15	
16	16	
17	17	
18	18	
19	19	
20	20	
21	21	
22	22	
23	23	
24	24	
25	25	
26	26	
27	27	
28	28	
29	29	
30	30	
31	31	
Total	3.61	5.94	2.07	4.18	9.6	5.01	7.01	3.65	7.57	1.30	5.30	5.48	5.11 ✓	
* Days with 0.1 in. ** Days with 0.01 in. † Days with 0.001 in.	18	28	17	19	6	25	25	30	24	6	21	22	201 ✓	
10	26	15	16	5	21	22	20	20	5	18	22	206 ✓		
See Instruction 3 (i) on other side. † Spare column, no entries required, except year's total.													(Signed) <u>Angus Macpherson</u>	[P.T.O.]

FORM 1090.

B

Monthly Summary

C

Particulars of Station

* 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 *Grinstead, Lancashire*,
In the County of *Lancashire*.

Rain Gauge
Diameter of Funnel. **5** in.
Height of Top above Ground..... ft. **10** in.
(Height of Ground above Sea Level)..... ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.1 in. or more in month
	Inches	Inches	Date
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. If the gauge is of type B or C, in which no daily entries can be filled in, Section C should be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Harrow, Middlesex, or The Superintendent, Meteorological Office, 6, Dunsfold Gardens, Edinburgh 3.

2. Rules for measurement of rainfall and for directly recording the measurements as 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. These rules which apply also to the summary form above are given 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 unless it is evident that the rain has continued over-night. 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. is taken as Mean Time is 10 a.m. by the clock during Shorter Time Periods.

(b) The rain-gauge should be visited every morning without exception. Wherever it has been necessary to prick out the entry in the register should be made in black ink. 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 definitely that there has been a drop or two falling on the sides of the bottle after the rain has stopped or run-water 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 previous measurement. If the observer is not sure 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 may be estimated 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 days when there is graduation marked .005, this graduation is put on for the purpose of asking observers to report "trace" or "tr." 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 taken as .005. The .005 mark is to be taken as 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 reading on the 18th of the month is missed, the reading covered by the next reading should be indicated by a bracket. Thus 17 | 18 | 19 | would show that the reading on the 18th was omitted.

morning of the 19th 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 0.1 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with 0.1 in. or more" includes all the days with any rain except those for which the entry is "trace."

(g) The monthly copy is 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 4095/O1530 15,000 10/46 W.H.S. 668/91

40-9999

M.O.

Section **A** for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
Station No. 5553/5.
FORM 1000
Sept at Rannoch (Rainfall Station).
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.....1002.....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	2.02	1.30	-	.98	-	-	-	.30	.71	.20	.48	-	1
2	.95	.60	.05	.10	.07	.35	.30	-	.30	.25	.50	.131	2
3	.05	.70	.01	.40	.10	.04	1.55	-	.23	.25	.145	.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	.65	-	-	.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	-	.06	.05	.10	.20	.38	15
16	-	-	.30	-	.12	-	.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	.06	.05	.50	.40	.120	-	-	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	-	-	.20	-	.05	.40	27
28	.70	-	-	.05	.04	.15	-	.52	1.19	-	-	.155	28
29	.64	-	.10	-	-	-	.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	5.06	3.97	9.32	10.25	9.15	6.46	10.63	88.68
* Days with .01 in. or more	19	17	19	21	13	23	19	21	28	24	22	22	248
* Days with .01 in. or more	19	15	16	16	11.	21	13	18	25	22	19	22	217

* See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.
(Signed) N.J.S. Hydro Electric Board X

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 1947

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 in month
Inches	_inches	Date	*
JAN.			
FEB.			
MAR.			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
TOTAL			

If gauge has been moved during the year state—
Indicate pattern of gauge in use by deleting those sketches of cross section of gauges which do not represent it. If the pattern is different from any of those 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 particular 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 in Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registered should be forwarded to The Director, Meteorological Office, Air Ministry, Headstone Drive, Greenford, Middlesex, or to the Meteorological Observatory, 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 address given.

3. In filling up the water on the reverse side of the following rules should be observed. Those rules which apply only to the summary form above are printed in italic type.

(a) Rain should be measured 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 January 1st, and for January 2nd, it is therefore the amount measured on January 2nd.

(b) The time of day when the rain has stopped should be noted. Thus 11.14 would show that the reading on the 15th day of the month was missed and that the reading on the morning of the 16th was 11.14.

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

(d) If the morning observation has been omitted for any reason, the days taken up by the next reading should be indicated by a bracket. Thus 11.14 would show that the reading on the 15th day of the month was missed and that the reading on the morning of the 16th was 11.14.

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

(i) 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 1091. Station No. **059**

REGISTER OF RAINFALL IN 19

Kept at **DALROSS AIRPORT**
in the County of **INVERNESS**.

Diameter of Funnel of Gauge... **5 in. and 11.3 in.**
Height of top of Gauge above Ground... **11.3 ft.**
Ground 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.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	35.5	-	-	-	0.7	-	1.7	24.0	0.1	-	0.2	4.9	1
2	0.4	-	-	0.5	-	1.0	-	1.2	2.1	0.1	-	0.4	2
3	-	-	0.4	0.9	-	0.3	-	0.6	-	0.1	3.3	12.4	3
4	-	-	10.5	1.1	4.8	10.2	5.6	0.1	0.2	TR	0.4	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	0.6	-	9.5	6
7	2.6	-	-	9.3	-	0.2	0.4	17.7	TR	2.9	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	-	-	0.2	0.2	3.2	0.2	TR	-	11
12	-	0.2	2.9	0.2	-	12	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	2.2	-	3.2	2.5	0.6	-	-	1.8	0.4	3.2	TR	0.3	15
16	1.4	0.1	0.9	-	4.6	-	-	TR	-	-	TR	0.3	16
17	2.2	-	0.4	0.3	2.6	-	0.2	0.1	-	3.0	0.1	3.9	17
18	4.9	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	-	-	0.6	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	-	-	-	9.9	0.6	11.1	-	24
25	0.5	3.5	0.3	0.4	-	-	9.1	-	TR	12.3	3.7	12.5	25
26	-	13.2	-	0.2	0.5	0.7	0.6	TR	TR	0.4	0.5	0.1	26
27	-	0.2	-	1.7	TR	0.9	1.3	-	-	-	13.8	-	27
28	0.9	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	-	2.9	0.1	-	1.0	4.3	-	30
31	TR	■■■	-	1.0	■■■	1.2	1.5	0.2	0.2	■■■	-	-	31
TOTAL	85.4	59.4	89.9	48.8	40.0	29.8	35.8	103.7	46.8	46.5	53.7	136.7	767.5
* 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	7	9	10	6	10	8	16	112

(G.W.) See Instruction 3 (f) on other side. Square column, no entries required, except year's total.
(Signed) *W. H. Morris, Shetland* 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 **DALROSS AIRPORT**
in the County of **INVERNESS**.

Diameter of Funnel **5 in. and 11.3 in.**
Height of top of Gauge above Ground **11.3 ft.**
Height of Ground above Sea Level **35.5 ft. S.E.**

Month	Total Depth	Greatest Fall in 24 hours	Number of days with 0.2 mm. or more than 0.2 mm.		
			Millimetres	Millimetres	Date
JAN.	36.4	30.1	15.1	20	11
FEB.	56.4	13.2	26.5	15	10
MAR.	33.9	10.6	4.6	13	4
APRIL	45.8	9.5	4.7	19	12
MAY	40.0	8.6	14.5	12	9
JUNE	29.8	10.2	4.7	13	7
JULY	35.8	9.1	25.9	2	9
AUG.	103.7	29.0	161	15	10
SEPT.	41.8	32.8	14.7	10	6
OCT.	46.5	12.8	25.5	17	10
NOV.	53.7	13.8	24.5	14	8
DEC.	136.7	14.0	9.5	20	16
TOTAL	767.5		189	112	

If gauge has been moved during the year state—
Date of move—
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:—

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, DALROSS AIRPORT,
DALROSS EAST, INVERNESS.

Hour of observation by the clock—in Winter... **0900**, in Summer... **0900**.
Nearest Railway Station... **DALROSS**. Distance... **2 miles**. Direction from **SOUTH**.
Nearest Parish Church at... **PETTY**. Distance **2 miles**. Direction from **SOUTH**.

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, or to C.S.I. 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 from the Meteorological Office, London, W.C.1.

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 should be repeated 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 1st at 9 a.m. Greenwich Mean Time.

(b) The rain-gauge should be visited every morning without exception. The entry for January 1st should be omitted if there has been no precipitation since the previous day. The entry for January 1st should be made in the following cases, (A) and (B):—

(A) When there has been no precipitation the entry in the register should be a dash—(not 0.0). The entry "trace" or "it" is to be made in the following cases, (C), (D) and (E):—

(C) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(D) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(E) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(F) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(G) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(H) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(I) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(J) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(K) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(L) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(M) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(N) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(O) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(P) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(Q) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(R) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(S) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(T) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(U) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(V) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(W) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(X) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(Y) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(Z) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(AA) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(BB) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(CC) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(DD) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(EE) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(FF) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(GG) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(HH) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(II) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(JJ) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(KK) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(LL) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(MM) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(NN) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(OO) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(PP) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(QQ) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(RR) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(SS) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(TT) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(UU) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(VV) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(WW) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(XX) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(YY) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(ZZ) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(AA) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(BB) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(CC) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(DD) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(EE) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(FF) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(GG) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(HH) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(II) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(JJ) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(KK) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(LL) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(MM) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(NN) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(OO) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(PP) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(QQ) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(RR) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(SS) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(TT) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(UU) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(VV) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(WW) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(XX) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(YY) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(ZZ) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(AA) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(BB) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(CC) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(DD) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(EE) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(FF) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(GG) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(HH) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(II) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(JJ) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(KK) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(LL) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(MM) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(NN) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):—

(OO) When there has been no precipitation since the previous day and the gauge is empty at 9 a.m. on January 1st. The entry "trace" or "it" is to be made in the following cases, (D) and (E):

Section **A** for the entry of Daily Observations
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION
FORM 1090 **Hours**
REGISTER OF RAINFALL IN 1948

Kept at *Allon Park Garden*
in the County of *Clackmannan*
Diameter of Funnel of Gauge... *5* ft.
Height of top of Gauge above Ground... *3* ft. 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.
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	—	.55	.25	2
3	.08	.13	.01	.05	.12	.48	.48	—	.30	—	.33	.02	3
4	.21	.02	—	—	.08	.26	.11	.07	.04	—	—	—	4
5	.04	.46	—	.06	.03	.08	—	.05	.03	—	.04	.40	5
6	.28	.60	.08	.02	—	.126	—	.08	.01	—	.10	.38	6
7	.15	.28	.32	.48	—	.02	—	.23	.12	—	—	.24	7
8	.02	.55	—	—	.60	—	.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	.132	.08	.01	.32	14
15	.01	.02	.18	—	—	.04	.10	.20	.09	.04	.18	.01	15
16	.03	.08	.11	—	—	.14	—	.46	—	.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	—	.15	.06	—	—	—	25
26	.11	—	—	.02	.24	—	—	.78	—	—	—	—	26
27	.08	—	—	.20	.02	.10	—	.02	.08	—	.03	—	27
28	.06	—	.01	.22	.39	.03	—	.16	.26	—	.02	.81	28
29	.02	—	.18	.02	—	—	.09	.02	.09	—	.31	—	29
30	.39	—	.12	—	.28	—	—	.48	.02	.07	—	.10	30
31	.12	—	.65	—	.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	4.38	3.27	5.06	50.47
* Days with .01 in. or more.	28	21	17	14	14	21	13	25	24	19	20	20	239*
* Days with .04 in. or more.	24	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) *The East of Mar & Kellie K. E.* [P.T.O.]

Station No. *5457*

FORM 1090. **B** Monthly Summary

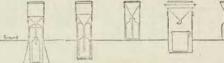
* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1948...

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

Nature of objects nearest to gauge Hedge Wall
Height of objects 12ft Half
Distances ... 16ft 5ft
Directions from gauge ... SW W

If gauge has been moved during the year state—
Date of move Direction
Insert a sketch of gauge in use by deleting lines, sketches of cross sections of gauges which do not interest you. 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?

C Particulars of Station

Nearest Railway Station Distance gauge
Nearest Parish Church at Distance gauge
METEOROLOGICAL OFFICE EDINBURGH 8 JAN 1949

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 records should be forwarded to The Director of Meteorological Office, Air Ministry, Headquarters Room, Howff, Middleton, 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 address 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 may be printed in full 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 fall for January 1st is the rainfall for 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.
The rainfall 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 used when the gauge has been disturbed.
(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 off the sides of the funnel after precipitation, the rainfall for it is to be taken as zero. At times of observation, i.e., when the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation which 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, etc.) 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 over-stripped. The amount of rain having evaporated before it got into the bottle.
(c) On some measures there is graduation marked .005; this graduation is put in for the purpose of assisting observers in reporting falls of rain which are very small. The mark is to be used 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 the .005 mark. This is particularly the case in 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 omission 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 .34 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 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 .00 or .005.
(g) The "days with .01 in. or more" 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.
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Wt. 3250/O/1263 10,000 8/48 W.H.S. 668/91

40-9999

Section **A** for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION
FORM 1090 REGISTER OF RAINFALL IN 1950

Kept at Ardoch, Rockinghamhead, Perth.
in the County of Perth.

Diameter of Funnel of Gauge.....5 in.
Height of top of Gauge above Ground.....1 ft. 10 in.
" Ground Sea Level 370 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	.06	.73	.28	.35	.76	—	.01	.07	.20	.08	.41	.18	1	
2	.36	.81	.29	.01	.23	—	.03	.40	.01	.03	.02	.08	2	
3	.22	.14	.02	.01	.01	.02	—	.02	.12	.94	—	.08	3	
4	.01	.07	.01	.16	—	.02	—	.12	.34	.61	Trace	Trace	4	
5	.73	—	—	.06	—	—	—	.58	.16	.10	—	Trace	5	
6	.07	.01	—	.15	.03	Trace	Trace	.01	.10	.14	—	.19	6	
7	.29	.45	—	.95	—	—	—	.09	Trace	.57	.42	.60	7	
8	.29	.65	.27	1.10	—	Trace	.26	.76	.13	.78	.71	.43	8	
9	.14	.29	.01	.48	Trace	.03	.05	.28	Trace	.95	.72	.38	9	
10	.11	.72	Trace	.10	—	—	.72	.36	.17	.60	.05	.22	10	
11	.31	.04	Trace	.02	—	—	.17	.17	.91	.15	.50	.01	11	
12	.30	—	Trace	.01	—	—	.01	.02	.83	.23	.05	—	12	
13	.01	.10	—	Trace	—	—	.09	1.46	.02	.81	.35	—	13	
14	.58	.71	.03	Trace	—	—	.01	.24	.28	.43	.34	Trace	14	
15	.58	1.20	.46	—	—	—	.01	.70	.15	.02	.06	.06	15	
16	.03	1.19	1.10	.03	Trace	Trace	.69	.06	1.90	.02	.09	.03	16	
17	—	.76	.57	.36	.46	.15	.56	1.12	.51	.02	.03	.16	17	
18	.01	.28	.03	.01	.06	.10	.13	.35	.01	.01	.62	.03	18	
19	.26	.18	.04	—	.16	—	.38	.21	.48	.02	.08	.36	19	
20	—	.06	.38	.06	.17	.03	.58	.54	.07	Trace	.18	.17	20	
21	—	—	.01	.01	.03	.37	.01	.01	.02	.13	.12	.02	21	
22	Trace	Trace	.46	.02	.40	.01	.11	.29	.20	.01	.01	.06	22	
23	.01	.31	.07	.06	.08	Trace	.01	.17	.21	—	—	.04	23	
24	—	—	Trace	.01	.03	Trace	.04	.03	1.25	.36	—	—	24	
25	.01	Trace	—	.05	—	.09	.12	.42	.13	—	—	—	25	
26	.01	—	—	Trace	.05	.04	.23	1.07	.02	—	—	.01	26	
27	.01	.01	—	.06	.06	.32	.05	.06	.21	.05	.02	.01	27	
28	.01	.01	—	.02	.05	.79	.10	.08	.25	—	.16	—	28	
29	.30	—	—	.01	.03	.03	.03	Trace	.05	—	.23	—	29	
30	.31	—	—	Trace	.53	Trace	.08	.36	.11	.66	.12	.42	01	30
31	—	—	.08	—	Trace	—	.10	—	—	.03	—	.03	31	
TOTAL	5.76	8.42	4.08	4.65	2.58	2.27	7.23	8.87	10.70	7.09	5.05	2.50	69.20	
* Days with .01 in. or more.	24	21	19	25	10	18	27	28	29	24	20	23	(273)	
* Days with .04 in. or more.	16	17	11	14	11	10	20	23	24	18	17	13	194	

* See Instruction 3 (f) on other side. + Spare column, no entries required, except year's total.
(Signed) *Malcolm Main Esp.* [I.T.O.] ✓ (A.M.)

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
Nearest Railway Station Distance Direction from
Nearest Parish Church at Distance Direction from
Nature of objects nearest to gauge Tree Wall Building Hidden
Height of objects 30 ft. 9 ft. 20 ft. 6 ft.
Diameters ... 60 ft. 35 ft. 14 ft. 30 ft.
Directions from gauge ... N N E S.
If gauge has been moved during the year state
Date of move Distance Direction
Indicate pattern of gauge in use by sketching those sketches of cross sections of gauges which do not represent it. If the pattern is different from those 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.

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

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

Signature

* See Instruction 3 (f) below.

D INSTRUCTIONS

I. 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, Horticultural Drive, Hutton, near Lancaster, 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 address given.
3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summaries above are printed italic type.
(a) Rain should be measured each day, 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 falling on January 2nd.
(b) The measurement on January 2nd, 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.
(c) 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 "it" is to be made in the following cases:
(d) When there is less than .005 in. 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 rain gauge. In this case the entry is "trace." 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 snow or sleet or drizzle he should indicate this by a bracketed figure, e.g., [1.14].
(e) The "number of days with .01 in. or more" includes all the days with any rain or snow or sleet, 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.
(f) If observations are not available for every day in the month the spaces for the missing days will naturally be left blank.
(g) The entries for daily falls for each month should be underlined.
(h) 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)
Wt. 3272/O/1555 10,000 9/49 W.H. & S. 668.01

40-999

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

REGISTER OF RAINFALL IN 1950.

Kept at **DUNRA GARDENS**,
in the County of **PERTH**.

Diameter of funnel of gauge **10.5 in.**
Height of top of gauge above ground **1 ft. 7 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.
Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date
1	-	-	-	-	-	-	-	-	-	-	-	-	1
2	-	-	-	-	-	-	-	-	-	-	-	-	2
3	-	-	-	-	-	-	-	-	-	-	-	-	3
4	-	-	-	-	-	-	-	-	-	-	-	-	4
5	-	-	-	-	-	-	-	-	-	-	-	-	5
6	-	-	-	-	-	-	-	-	-	-	-	-	6
7	-	-	-	-	-	-	-	-	-	-	-	-	7
8	-	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	-	12
13	-	-	-	-	-	-	-	-	-	-	-	-	13
14	-	-	-	-	-	-	-	-	-	-	-	-	14
15	-	-	-	-	-	-	-	-	-	-	-	-	15
16	-	-	-	-	-	-	-	-	-	-	-	-	16
17	-	-	-	-	-	-	-	-	-	-	-	-	17
18	-	-	-	-	-	-	-	-	-	-	-	-	18
19	-	-	-	-	-	-	-	-	-	-	-	-	19
20	-	-	-	-	-	-	-	-	-	-	-	-	20
21	-	-	-	-	-	-	-	-	-	-	-	-	21
22	-	-	-	-	-	-	-	-	-	-	-	-	22
23	-	-	-	-	-	-	-	-	-	-	-	-	23
24	-	-	-	-	-	-	-	-	-	-	-	-	24
25	-	-	-	-	-	-	-	-	-	-	-	-	25
26	-	-	-	-	-	-	-	-	-	-	-	-	26
27	-	-	-	-	-	-	-	-	-	-	-	-	27
28	-	-	-	-	-	-	-	-	-	-	-	-	28
29	-	-	-	-	-	-	-	-	-	-	-	-	29
30	-	-	-	-	-	-	-	-	-	-	-	-	30
31	-	-	-	-	-	-	-	-	-	-	-	-	31
TOTAL	411	11	11	11	11	11	11	11	11	11	11	11	407
* Days with .01 in	18	16	14	16	10	10	21	22	24	17	14	12	18
* Days with .04 in or more	15	16	13	14	10	9	19	20	26	14	14	11	184

* See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total. (Signed) **L.W.P. Robertson** [P.T.O.]

Station No. **554411**

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 1950

At **DUNRA GARDENS, COMRIE, PERTHSHIRE**

In the County of **PERTH**

Rain Gauge Diameter of funnel in.

Height of top above ground ft.

Height of ground above sea level ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of days with .01 in. or more
INCHES	INCHES	DATE	*
JAN.			
FEB.			
MARCH			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
TOTAL			

If gauge has been moved during the year state— Date of move Distance Direction Indicate pattern of gauge in use by drawing three 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?

13 JUN 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, in the case of Scotland, to the Director, 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 Meteorological Office, Air Ministry, Greenwich Mean Time. The measurements to be credited to the previous day 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; and therefore the amount for January 2nd is the rainfall for the 24 hours following 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(3) The rain-gauge should be visited every morning without exception. When it has been in position the entry in the register should be a trace and not "0". The entry "trace" or "0" 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 the rainwater has been poured out 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) When there is less than .005 in. of water in the gauge and the observer knows that this is the result of a drop or two draining from the sides of the bottle after the rainwater has been poured out 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.

(4) On some measures there is a graduation marked .005; this graduation is put on for the purpose of assisting observers in reporting traces of rainfall. The value of .005 is equivalent to 1 mm., Greenwich Mean Time. The measurement to be credited to the previous day should be entered between the .005 mark and the .01 mark. Readings to be entered on this .005 mark, or between this .005 and the .01 mark are to be entered as .0 even though they may be nearer to the .01 mark than to the .005 mark. In this particular case the general rule is to round off to the nearest .005 mm. by the general instruction. An entry .005 is not to be made in the register.

(5) If the morning observation has to be omitted for one day or more, the days covered by the omission should be indicated by a bracket. Thus if the observations for the month of June 1951 were omitted, the entry would be (M.O.)

(6) The entry "trace" or "0" is to be made in the register for the month of June 1951, and that the reading on the 1st June 1951 is to be omitted.

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

(8) The "rainy days" in the month of June 1951 "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 or which the entries are trace, .01, .02 or .03.

(9) If the number of days with .01 in. or more for each month should be given, the spaces for the number of days with rain should be left blank.

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

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Section	A	for the entry of Daily Observations	Station No.	50+1											
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.															
Foggy 1951.	REGISTER OF RAINFALL IN 1950														
Kept at Eskdalemuir Observatory															
in the County of Dumfriesshire															
Height of top of Gauge above Ground... 1 ft. 4 in.															
Ground Sea Level... 794 ft. Diameter of Funnel of Gauge... 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. Please read the Notes and Instructions Overleaf															
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date	
m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	†		
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	21.3	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	11.2	12.0	27.9	15.8	Tr	1.7		16	
17	-	0.8	20.7	2.2	0.8	14.2	0.7	11.2	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	-	-	-	10.5	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	XX	0.5	5.5	1.8	8.2	0.4	2.9	5.6	-	2.6	Tr		29	
30	6.1	XX	-	22.0	0.1	2.4	19.4	0.4	26.2	2.3	16.9	Tr		30	
31	0.1	XX	7.6	XX	-	XX	3.4	XX	XX	-	5	XX	0.4		31
TOTAL	14.74 ^a	6.37 ^b	6.84 ^c	6.18 ^d	22.6 ^e	51.9 ^f	6.8 ^g	8.1 ^h	12.16 ⁱ	4.0 ^j	4.0 ^k	21.50 ^l	69.88 ^m		
Days with 0.2 mm. or more	120.5	161.8	173.8	156.8	57.3	133.8	152.5	206.4	308.8	118.2	122.8	63.5	177.42		
Days with 1.0 mm. or more	18	22	18	22	13	16	24	25	29	23	18	39	247		
OFFICE USE ONLY	16	19	14	18	9	15	19	22	24	17	14	12	199		

(1) * See Instruction 3 (f) on other side. (2) Spare column, no entries required, except year's total.

(3) % 88 129 140 182 68 165 (Signed) C. Edmundson Jan 1950 P.T.O.

FORM 1091.	B	Monthly Summary	
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—			
RAINFALL IN 1950			
At	Hour of observation by the clock—in Winter.....in Summer.....		
In the County of	Nearest Railway Station.....Distance.....gauge.....		
Rain Gauge	Diameter of Funnel	Nearest Parish Church at.....Distance.....gauge.....	
Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.2 mm. or more or more
Millimetres	Millimetres	Days	Days
JAN.			
FEB.			
MAR.			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
TOTAL			
If gauge has been moved during the year state—			
Date of movement.....Distance.....Direction.....			
Indicate position 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 gauge 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?			
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 completed. Section C should always be filled in. 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 Observers," to be obtained gratis from the address 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 summary observations are printed in <i>italic</i> type—			
(a) Rain should be measured 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 for example, if the rainfall for the 24 hours following 9 a.m. on January 1st, is the rainfall for the amount measured on January 1st, 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.			
(b) The register 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 it is 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 no rain 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, or sleet or drizzle) has fallen since the preceding observation.			
4. The columns are so spaced that the entries can be made by a typewriter.			
and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even near the sun and under rain having "evaporated" before it gets into the receiving can.			
(c) On gauge measures there is a graduation mark .05; this graduation is put on for the purpose of assisting observers in reporting "trace" if the conditions stated in paragraph (b) are satisfied. Readings below this mark are to be omitted. Thus for example, if the rainfall for the 24 hours following 9 a.m. on January 1st, is the rainfall for the amount measured on January 1st, 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.			
(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 to be made by adding the total thus found to another copy of the register.			
(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 to be made by adding the total thus found to 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 there is "trace" or 0.1 mm. The "number of days with 0.1 mm. or more" includes all the days with any rain except those for which there is "trace" or 0.1 mm. The "number of days with 0.05 mm. or more" includes all the days with any rain except those for which there is "trace" or 0.05 mm. The "number of days with 0.01 mm. or more" includes all the days with any rain except those for which there is "trace" or 0.01 mm.			
(g) If observations are not available for each 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.			
(i) The heaviest daily fall for each month should be underlined.			
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40-999			

Section	A	for the entry of Daily Observations	Station No. <i>500916</i>											
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION														
REGISTER OF RAINFALL IN 1952														
<i>Gairlieston (GALLOWAY HOUSE)</i>														
Kept at <i>W.I.G.TOWN</i>														
in the County of <i>W.I.G.TOWN</i>														
Diameter of funnel of gauge.....	5 in.	Height of top of gauge above ground.....	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.														
Please read the Notes and Instructions Overleaf														
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date	
1	.07	.15	.14	-	.04	.23	.19	.06	.08	-	.31	-	1	
2	-	.02	-	.01	-	-	-	.61	.59	-	.38	-	2	
3	.04	-	.20	-	.22	-	-	.05	-	-	.09	-	3	
4	.62	-	.06	.12	-	.35	-	.52	.02	.01	.112	-	4	
5	.02	.14	.10	.02	-	-	-	-	.03	.13	-	-	5	
6	-	.02	.17	.02	.35	-	.56	.21	-	.04	.09	.09	6	
7	.10	.08	.16	-	.01	.41	.24	.01	-	-	.23	-	7	
8	.34	-	.10	.47	-	-	.59	.40	.25	.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	-	.125	.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	-	.09	.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	.64	-	.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	.18	.60	-	-	-	26	
27	.04	-	-	.01	-	-	.18	.02	.71	-	-	-	27	
28	.26	.10	-	-	.03	.44	-	.02	.26	.15	-	.02	28	
29	-	-	-	-	-	.08	-	.06	-	-	.02	-	29	
30	.91	xx	-	.26	-	.03	-	-	.11	-	.10	-	30	
31	.04	xx	-	xx	.25	xx	.49	-	xx	.12	xx	.01	-	31
TOTAL	4.08	83	251	2.05	1.12	2.16	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	19	18	13	20	188	
* Days with .01 or more.	19	9	10	11	8	9	15	13	13	15	11	16	146	
* See Instruction 3 (f) on other side. ! Spare column, no entries required, except year 1952.														
(Signed) <i>P.H. Fletcher</i> P.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 1952

At
In the County of
Diameter of funnel in.
Height of top above ground, etc., ft.
Height of ground above sea level, etc., ft.

Rain Gauge

Nature of objects nearest to gauge **HOUSE** **WALL** **TREE**
Heights of objects in.
Distances from gauge in.
Directions from gauge N.E. S.E. N.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.

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:—
P.H. Fletcher

Hour of observation by the clock—in Winter 9 A.M. in Summer 10 A.M.
Nearest Railway Station MELHISLA
Distance 15 m. gauge N.W.
Nearest Post Office Galloway House, Wigtown
Distance 13 m. Direction from N.W.

RAINFALL IN 1952

At
In the County of
Diameter of funnel in.
Height of top above ground, etc., ft.
Height of ground above sea level, etc., ft.

Month Total Depth Greatest Fall in 24 hours Number of Days with 0.1 in. or more

INCHES INCHES DATE

JAN. FEB. MARCH APRIL MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC.

TOTAL

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 whether 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
13 JAN 1953

Signature:
* See Instruction 3 (f) below.

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily or monthly. If a gauge is not used daily it should not 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, Palace Circus, Piccadilly, London, W.1.

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 address given in 1 above.

3. In filling in the register on the reverse side the following rules should be observed. These rules, which apply also to the 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 day on which the rain falls, even though it may fall at 9 a.m. on the previous evening. 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 register should be a dash, (and .00), or the entry "trace" or "tr." is to be made in the two following cases (A) and (B).
(A) When there is less than .01 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 funnel after emptying the rain-gauge out of it at a previous time of observation, i.e., the observer knows that the precipitation has been in the form of dew or fog for this may be noted.
(B) The heavier daily fall for each month should be underlined.

4. The observer knows definitely from his own observation that some measure 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 same amount of rain having evaporated before falling into the bottle.

5. 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 set out in paragraph (b) are satisfied. Readings above this .005 mark or better still this .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 the nearest thousandth part of an inch applies, except in the case of special instructions. 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 addition.
(e) The total rainfall for the month is joined by addition. The addition may be made by setting out the figures in 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 .01 in. or more which fall in the month. The "number of days with .01 in. or more" includes all the days with any rain except those or which the entries are trace, .01, .02 or .03.
(g) If observations are not available for one day or more in the month a space is left for the days with rain should be left blank.
(h) The heavier daily fall for each month should be underlined.

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REGISTER OF RAINFALL IN 1951

Kept at **Prestwick Airport**
in the County of **Ayrshire**

Height of top of Gauge above Ground..... 30 ft. in.

"Ground" Sea Level..... 30 ft. Diameter of Funnel of Gauge..... 11.3 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							
1	0.7	2.6	0.8	3.0	20.9	/	0.8	/	11.1	/	3.8	7.9	1							
2	/	11.3	Tr	0.5	3.6	/	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	0.7	/	/	Tr	4.7	2.3	3.3	1.9	4							
5	/	8.9	2.7	Tr	/	/	2.8	/	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	4.7	0.7	3.6	2.7	1.9	/	4.0	3.0	/	/	Tr	7.9	7							
8	/	7.9	Tr	1.7	Tr	/	1.3	0.6	/	/	0.5	5.8	8							
9	20.6	Tr	0.3	Tr	/	/	5.7	Tr	Tr	1.8	1.0	1.9	9							
10	7.4	/	/	/	/	/	2.9	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	5.5	/	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	/	3.8	2.8	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	12.4	19							
20	0.8	5.9	/	/	1.5	11.2	/	6.3	/	6.4	3.8	/	20							
21	u.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	11.3	8.2	23							
24	/	Tr	0.1	0.3	1.0	/	Tr	0.6	8.6	/	2.4	2.8	24							
25	2.0	1.8	10.2	0.1	6.8	2.1	0.3	5.9	3.3	/	Tr	2.0	25							
26	Tr	1.0	4.4	0.5	Tr	Tr	3.6	5.8	2.0	/	1.2	0.6	26							
27	Tr	/	—	Tr	Tr	Tr	0.4	Tr	Tr	/	9.0	9.8	27							
28	Tr	/	0.2	0.6	0.9	/	2	9.7	Tr	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	1.7	30							
31	0.2	X	2.7	X	/	X	Tr	Tr	X	/	X	4.0	31							
TOTAL							88.8	60.8	71.2	47.8	47.5	36.3	142.9	88.2	63.7	34.9	114.9	127.3	800.9	
* Days with 0.2 mm. or more																				
* Days with 1.0 mm. or more																				
OFFICE USE ONLY																				

(144W) * See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.
 (Signed) *C. H. Sanderson* [P.T.O.]

5220/8 Station No. 435

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 1951

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

Nearest Railway Station Prestwick Distance 1 mi. Direction from SW.

Nearest Parish Church at Prestwick Distance 300 ft. Direction from SW.

Nature of objects nearest to gauge Screen 5 feet
 Height of objects Distances 10 feet.

Directions from gauge South

If gauge has been moved during the year state— Date of 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?

EDINBURGH
 1 JAN 1952

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, Her Majesty's Director of Meteorology, or the Superintendent, Meteorological Office, 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 address given in the 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 may be printed in full type:—
 (a) Rain should be measured in millimetres, 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 31st of December. The entry for January 1st, i.e., it is the amount measured on January 1st, 1951, is the rainfall for the 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. Where there has been precipitation the entry in the register should be dash (not dot). 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 drizzling rain. In this case the observer can bring the rain-gauge 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 drizzle he can bring the rain-gauge 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.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, &c.) 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, e.g., this graduation is present for the purpose of enabling observers in reporting "trace" or "tr." Readings below this mark are entered as "trac" 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. The entry "0.1" is to be made in the same way as the entry "trac" if the conditions stated in paragraph (b) are satisfied. The rule of throwing the reading to the nearest mark is superseded by this special instruction. An entry "0.5" 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 [] would show that the reading on the morning of the 18th day of the month was 8.6 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 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 "trac" or 0.1 mm. The "number of days with 0.5 mm. or more" includes all the days with 0.5 mm. or more 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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FORM 1090.

Monthly
Stationary Office

Particulars of Station

* 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 Butts Mill Roads Yard, Selkirk.

In the County of ... Selkirk.

Rain-gauge
 Diameter of funnel ... 5^{in.}
 Height of top above ground ... 1 ft. ... in.
 Height of ground above sea level ... 300 ... ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with fall in or more than
	inches	inches	Date
JAN.			
FEB.			
MARCH			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
TOTAL			

Signature

* See Instruction 3 (f) below.

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 1 mile. gauge 5 ft. 3 in.

Nearest Parish Church at Selkirk. Distance 220 yards. gauge East.

Nature of objects nearest to gauge Buildings.

Heights of objects 115 ft. Approx.

Distances 201 yds.

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 these 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?

15 JAN 1953

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, Farnborough, Drapers' Hall, Middlesex, or, in the case of Scottish stations, to the Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for measuring the rainfall will be found correctly recording the measurements given in the rules for British 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 will be printed in full 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 29th December, and for January 2nd, it is therefore the amount measured on January 1st.

(b) The morning observation 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) There is less than 0.05 in. of rainfall in the gauge and the observer knows that there has been no rainfall since the previous time of observation, or

(B) There is a small amount of a drop or two draining from the sides of the bottle after emptying the gauge. In this case it is the general practice of the observer to make a note of the time of observation, and if the observer knows that there has been no precipitation since the previous measurement. If the observer knows that the precipitation has been in the form of dew or fog for 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 tilted. The observer must account of rain having evaporated before it got into the bottle.

(C) On some measures there is a graduation .005; this graduation is put on for the purpose of assisting observers in estimating the amount of rain. The observer is interested in "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. The method of reading is the same as the general rule of reading to the nearest mark is expressed 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 entry "missed" or "no obs" should be indicated by brackets. Thus 17 (missed) would show that the reading on the morning of the 17th of the month was missed and that the reading on the morning of the 18th 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 observations.

(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 when any rain occurs, though 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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O - 24R.

Section A	for the entry of Daily Observations	Station No. 5041											
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION.													
REGISTER OF RAINFALL IN 1955													
Kept at ESKDALEMUR													
in the County of DUMFRIESSHIRE													
Height of top of Gauge above Ground.....1.....ft.in.													
Ground Sea Level.....794.....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	—	18.8	—	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	—	—	2.6	8.9	0.6	—	—	9.4	0.4	2.4	1.4	4
5	0.1	—	0.1	7.9	2.5	—	—	—	8.0	8.0	0.1	1.1	5
6	—	—	3.4	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	44.4	Tr	—	11.8	14.4	1.7	—	Tr	11.2	—	4.8	3.4	10
11	—	3.6	—	Tr	10	0.8	—	—	8.8	—	7.8	0.2	11
12	3.6	8.2	—	Tr	3.5	2.3	2.5	—	9.1	2.8	Tr	—	12
13	0.1	2.1	Tr	—	5.3	0.7	—	—	5.3	1.8	—	10.6	13
14	1.0	3.1	—	—	0.9	12.3	—	Tr	0.9	5.3	—	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	—	—	—	5.0	—	22.8	—	19
20	—	0.7	13.3	—	0.6	1.8	—	—	1.1	—	0.3	Tr	20
21	7.7	0.6	12.5	—	0.4	—	—	7.8	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	4.8	—	Tr	2.1	—	2.8	—	—	3.2	7.4	0.7	8.0	26
27	1.7	—	Tr	22.6	—	0.4	—	—	Tr	0.4	0.5	15.5	27
28	16.0	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	87.7	3.48	3.42	2.50	4.11	3.07	2.56	1.82	4.67	3.11	19.0	7.81	43.88
* Days with 0.2 mm. or more	142.5	88.5	86.8	63.5	104.5	77.9	65.1	38.7	118.6	78.9	48.2	198.3	111.45
* Days with 0.5 mm. or more	30	18	11	16	19	19	4	9	23	21	15	26	201
* Days with 1.0 mm. or more	16	13	10	13	11	12	3	9	18	14	8	21	152
OFFICE USE ONLY	5.73	3.48	3.42	2.50	4.11	3.07	2.56	1.82	4.67	3.11	1.90	7.81	43.88
* See Instruction 3 (f) on other side. † Spare column, no entries required, except year's total.													
(Signed) [P.T.O.]													

O - 24L

FORM 1091.	B Monthly Summary	C 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:— THE SUPERINTENDENT, THE OBSERVATORY, ESKDALEMUR, LANGHILL, DUMFRIESSHIRE.			
Hour of observation by the clock—in Winter.....9.....in Summer.....10.....			
Nearest Railway Station, LOCKERBIE. Distance, 18 miles. Direction from S.E.			
Nearest Parish Church at ESKDALEMUR. Distance, 4 miles. Direction from S.			
Rain Gauge	Diameter of Funnel	Height of Top above Ground.....ft.in.	
	Height of Ground above Sea Level.....ft.in.		
Rain Gauge	Nature of objects nearest to gauge		
Month	Total Depth	Greatest Fall in 24 hours	Number of Days with 0.5 mm. or more or more
JAN.	Millimetres	Millimetres	Date
FEB.			
MAR.			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
TOTAL			
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			
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, 29, Queen's Cross, Edinburgh 12.			
2. In giving the measurements 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 <i>italic type</i> —			
(a) Rain should be measured during morning at 9 a.m. Greenwich Mean Time. The measurement should be made on 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 falling 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 note to the effect that "tr." or "tr." is to be made on 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 falling on the sides of the funnel during the rainless period of a night or a morning of observation.			
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 frost it should 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 the rainfall. The readings should be 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 to the 0.1 mark. In the present case the general rule is that the reading to the nearest mark is supplied 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 [] 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 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 entry is "trace" or 0.1 mm. The "number of days with 0.5 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) The 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.R. 28/766520 570163

Section A for the entry of Daily Observations
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.
FORM 1091.

REGISTER OF RAINFALL IN 195
*Adjustments made by M.O.S. after ref. rainfall
per and sum. stat.*

Kept at DALROSS in the County of INVERNESS-SHIRE.

Height of top of Gauge above Ground 1 ft. — 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	—	✓	2.4	—	0.1	Tn	0.4	2.2	—	—	1.2	1.9	1	
2	—	1.1	—	Tn	—	—	—	4	—	1.0	0.5	Tn	2	
3	3.1	3.8	Tn	4.8	✓	0.2	Tn	3.4	—	—	0.3	Tn	0.7	3
4	✓	0.6	1.8	0.9	2.8	—	—	2.5	—	✓	6.5	0.1	4	
5	—	2.4	3.4	✓	0.2	9.7	—	—	Tn	—	✓	0.3	—	5
6	10.0	2.0	6.5	—	0.3	Tn	—	2.4	3.2	0.3	Tn	—	6	
7	1.9	Tn	0.1	0.2	4.3	—	—	0.6	✓	—	1.7	✓	7	
8	—	—	—	—	0.3	0.2	Tn	—	—	Tn	1.4	✓	8	
9	—	0.5	—	—	—	—	Tn	4.8	Tn	7.0	✓	0.1	9	
10	1.4	0.5	—	—	—	1.3	1.0	Tn	0.7	—	—	—	10	
11	✓	—	—	—	—	2.2	0.1	0.6	Tn	—	✓	2.1	Tn	11
12	—	0.8	—	0.1	—	Tn	3.2	0.5	—	✓	0.1	0.2	—	12
13	Tn	—	Tn	—	—	—	✓	10.1	—	Tn	—	✓	—	13
14	✓	0.2	—	3.4	—	—	Tn	2.4	—	6.3	0.2	✓	—	14
15	—	✓	—	0.4	0.9	✓	0.2	6.2	2.3	—	9.1	—	2.2	15
16	1.0	✓	—	6.9	0.4	3.7	10.0	—	—	1.8	✓	6.5	—	16
17	1.2	Tn	—	—	—	3.7	Tn	✓	—	—	—	Tn	—	17
18	✓	Tn	1.2	3.4	—	—	—	0.2	3.7	5.2	✓	—	—	18
19	✓	2.7	—	✓	1.1	Tn	—	4.8	4.7	0.3	✓	Tn	1.0	19
20	0.4	4.1	—	✓	0.1	Tn	0.4	✓	1.0	0.4	1.1	—	—	20
21	0.6	0.1	—	—	0.3	✓	1.8	12.8	7.6	—	Tn	0.3	—	21
22	2.0	✓	0.2	—	2.9	0.2	✓	1.5	9.4	—	—	—	—	22
23	6.0	—	—	1.3	15.2	Tn	0.1	✓	12.0	5.3	—	—	—	23
24	Tn	3.6	—	Tn	—	4.0	4.0	Tn	✓	7.8	—	—	—	24
25	✓	2.0	0.6	—	6.3	—	0.9	—	—	0.3	✓	—	—	25
26	✓	8.5	—	✓	1.9	7.5	8.5	✓	0.6	—	—	1.7	—	26
27	—	3.6	1.3	✓	—	8.1	—	Tn	—	—	—	✓	—	27
28	6.6	0.1	1.3	—	1.2	—	16.5	—	Tn	—	—	✓	—	28
29	Tn	✓	—	✓	—	—	—	—	0.2	1.5	✓	—	—	29
30	—	✓	—	—	—	1.1	1.5	1.1	1.0	Tn	—	5.00	—	30
31	Tn	✓	—	—	—	2.2	—	—	0.1	✓	—	1.5	—	31
Total:	1.27	57.8	32.14	40.6	61.8	22.4	71.2	80.3	87.8	53.2	19.0	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	127	
OFFICE USE ONLY	(144w) * See Instruction 3 (f) on other side.													
	† Spare column, no entries required, except year's total.													
	(Signed) <i>Dunleavy</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 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	
			0.2 mm. or more	0.5 mm. or more
JAN.	Millimetres	Millimetres	Date	
FEB.				
MAR.				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
TOTAL				

If gauge has been moved during the year state— 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

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

- 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, Edinburgh, Scotland, at least once a month.
- Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers."
- In filling up the register on the reverse side the following rules should be observed. Those rules which apply also to the summary form are given in "Instructions for 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 time of observation. That the entry for January 1st is the same as for January 24th follows from the fact that 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).
- 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).

 - When there is less than 0.5 mm. of water in the gauge and the observer knows that the rain has stopped since the previous day, the entry "trace" or "tr." is to be made in the register. The observer must be reasonably certain that there has actually been no precipitation since the preceding measurement. If the observer knows that the preceding 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, 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.

- On some gauges there is a graduation mark 0.5, the graduation to which on the occasion of an observation is referred to as "trace". Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this 0.5 mark, or between this 0.5 mark and the 0.1 mark, are to be entered as "tr." and they are to be referred to the 0.5 mark or between the 0.5 mark and 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 0.5 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 | 3.6 would show that the reading on the 18th day of the month was missed and that the reading on the morning of the 19th was 3.6 mm.
- 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.
- 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.
- 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.

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Section A for the entry of Daily Observations
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION
FORM 1090 (Arduke) 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.* 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.
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	-	0.15	0.25	-	0.32	-	0.25	-	0.56	0.02	0.05	0.02	1
2	-	0.10	-	0.10	-	-	0.46	-	0.16	0.13	-	0.11	2
3	-	-	-	0.18	-	0.26	-	0.05	-	0.10	0.02	-	3
4	0.01	-	0.01	0.34	-	-	-	0.26	0.04	-	0.01	-	4
5	-	0.04	0.04	0.04	-	-	-	0.10	0.42	0.06	-	-	5
6	-	0.12	0.22	0.10	0.01	-	-	-	-	0.09	0.11	-	6
7	-	0.22	0.13	-	0.07	0.06	-	-	0.16	0.40	-	-	7
8	-	0.01	0.02	0.17	0.04	-	0.61	0.09	0.02	0.10	0.18	-	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	0.18	10
11	-	0.08	-	-	0.15	0.18	-	-	0.03	0.25	-	-	11
12	-	0.04	-	-	0.24	0.04	0.02	-	0.29	0.01	0.01	-	12
13	-	0.12	-	-	-	0.29	-	-	0.06	0.13	-	0.05	13
14	-	-	-	-	0.08	0.02	0.06	-	0.28	0.07	-	0.55	14
15	-	-	0.03	-	0.02	-	-	-	0.01	0.02	-	0.14	15
16	0.10	0.03	-	-	0.05	-	-	0.41	0.00	0.09	-	0.03	16
17	0.16	0.01	0.01	-	0.14	-	-	0.02	0.25	-	-	-	17
18	-	0.03	0.12	-	0.01	-	-	0.07	-	0.34	-	-	18
19	-	-	-	-	0.03	0.02	-	0.16	-	0.18	0.03	-	19
20	0.06	-	0.44	-	0.04	0.29	-	-	-	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	0.09	0.23	0.02	-	0.02	-	-	-	-	0.05	0.56	23
24	-	0.04	0.28	-	-	-	-	-	0.11	0.03	-	0.01	24
25	0.21	-	-	0.03	-	0.11	-	-	0.20	0.14	0.02	0.33	25
26	-	-	-	0.08	-	-	-	-	0.14	-	-	0.42	26
27	0.09	-	-	0.22	-	0.01	-	-	-	0.02	0.01	0.50	27
28	0.01	0.35	-	-	-	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	0.08	30
31	0.09	☒	-	☒	-	☒	-	0.10	☒	0.04	☒	0.14	31
TOTAL	2.03	1.42	1.70	0.91	2.45	1.29	1.75	2.00	2.85	2.42	1.31	5.13	25.52
*Days with .01 in. or more	141	131	131	131	191	161	51	101	211	201	161	221	781
*Days with .04 in. or more	9	101	81	101	141	121	4	81	141	121	91	161	129

*See Instruction 3(f) on other side. †Spare column, no entries required, except year's total.
(Signed) *John W. E. C. P.* (P.T.O.)

Station No. *51681*

FORM 1090. B Monthly Summary

C Particulars of Station *51681*

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

(Arduke) RAINFALL IN 1955

A At *Wigtown Reservoir* *Dumfriesshire*

In the County of *Dumfriesshire*

Rain-gauge Diameter of funnel *5* in.
Height of top of gauge above ground *1 ft.* in.
Height of ground above sea level *800* ft.

Jan. 1, following

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

Nearest Railway Station *Portpatrick* Distance *2 miles* gauge *N*
Nearest Parish Church at *Portpatrick* Distance *2 miles* 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:—

- 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?

TOTAL *25.52* *184.129*

Signature *John W. E. C. P.*

*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, Haslar, Gosport, Hampshire, or to the controller of Scottish stations, to the Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.

2. Rules for recording the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in the 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 of雨 are given in italic type below.

(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 for example if January 1st is the rainfall for 24 hours falling 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

(b) The 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 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) When the observer knows that this is 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.

(c) On some occasions it is a graduation marked .005; this graduation is used 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. This is to be done in order to keep the reading to the nearest mark. In this particular case the general rule of reading to the nearest mark is superseded by this specific instruction. An entry .005 is not to be made.

(d) If the morning rainfall is to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 \int 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 notes.

(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 indicated.

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

Station No. 5829/8

FORM 1090

REGISTER OF RAINFALL IN 1955

Kept at BURRA ISLE,
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.

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	.68	—	.68	.08	.30	.14	.02	.09	2.94	1	
2	.07	—	—	.03	—	.02	—	.01	.16	.18	.24	3.21	2	
3	—	—	—	.30	—	—	—	—	.02	.45	.06	1.96	3	
4	.54	—	—	—	—	—	.01	.08	—	.31	.27	2.79	4	
5	.07	.17	.09	.04	—	—	.119	.04	—	.08	—	2.41	5	
6	.08	.12	.02	—	.11	—	.02	.01	.22	.11	—	1.11	6	
7	—	—	.03	—	.10	—	—	.02	.36	.02	—	1.06	7	
8	.28	—	.03	.67	—	.76	—	—	.01	.01	.11	.78	8	
9	.27	.05	.04	.11	.09	—	—	.03	—	.02	.08	3.06	9	
10	.08	.03	—	.48	.13	—	—	.57	.84	.10	.03	4.73	10	
11	.17	.89	.01	.05	.16	—	—	.18	.36	.07	.02	2.18	11	
12	.05	—	.01	—	.01	—	—	.28	.30	—	.31	4.64	12	
13	.03	.04	.04	.05	.08	—	.03	—	.08	.32	—	.34	13	
14	.09	.03	.05	—	—	.34	.02	—	.29	—	.15	1.4	14	
15	.13	.02	.03	—	.26	.fc.	.10	—	.36	—	.38	1.5	15	
16	.12	.24	.05	—	.10	—	.02	.24	—	.14	—	.01	16	
17	.10	.51	.09	—	.20	—	.02	.80	.08	.08	—	.03	17	
18	.15	.16	.14	—	.11	—	—	.03	—	.01	—	.01	18	
19	.02	.24	.19	—	.09	fc.	.10	.04	.68	.02	—	.04	19	
20	—	.14	.61	—	.05	—	.05	—	—	.09	.03	.14	20	
21	.17	.99	.01	.11	—	—	—	.14	—	—	.01	—	21	
22	—	.103	—	.04	—	—	—	.13	—	.02	.58	—	22	
23	.26	—	—	.41	—	—	—	.09	—	—	.25	—	23	
24	.31	—	.26	—	.08	—	—	.104	.18	—	—	—	24	
25	—	—	.14	—	—	—	—	.09	.23	.10	.25	—	25	
26	.06	—	—	.14	—	.08	—	.05	.13	.19	.14	.06	26	
27	.27	—	.92	—	—	—	—	.102	.14	.02	.20	—	27	
28	.11	.96	.04	—	.26	—	—	.52	.05	—	.19	—	28	
29	.18	—	—	—	—	—	—	.14	—	.12	—	—	29	
30	.02	x	.08	—	—	—	.01	—	.15	.01	.02	.05	—	30
31	—	x	.03	x	—	x	.07	.08	x	.24	x	.51	—	31
TOTAL	2914	327	1.96	2.79	2.41	1.11	1.06	1.78	3.06	4.73	2.18	4.64	30.93	
*Days with .01 in. or more	28	18	20	11	17	5	11	9	20	26	19	30	20.94	
*Days with .04 in. or more	18	13	12	11	14	4	5	6	16	22	10	23	15.4	

*See Instruction 3(f) on other side. †Spare column, no entries required, except year's total.
(Signed) John Christie (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 1955

At BURRA ISLE
In the County of SHETLAND

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	Number of days with .04 in. or more	
JAN.	Inches	Inches	Date	*	*
FEB.					
MARCH					
APRIL					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

If gauge has been moved during the year state—
Date of move Distance Direction
A sketch of the gauge in use by depicting those sketches of cross sections of gauges which do not represent it. If the gauge is of a self-recording type 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?

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, Gunnasound, Budge End, Laswick.

Hour of observation by the clock—in Winter 10 AM in Summer 10 AM
Nearest Railway Station Distance Direction from
Nearest Parish Church at Distance Direction from
Nature of objects nearest to gauge
Heights of objects
Distances from gauge
Directions from gauge
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 Dell, Harrow, Middlesex, or, in the case of Scotland, 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 free of charge from the Meteorological Office.

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

(a) Rain should be measured each morning preferably at 9 a.m. Greenwich Mean Time. This time should be given as near as possible 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 (—). The entry "none" or "tr." is to be made in the two following cases (A) and (B).

(c) 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 off the sides of the gauge bottom after pouring 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.

(d) The number of days with .01 in. or more includes all the days when there has been no precipitation. An independent check is of equal importance when the values are copied from the original register.

(e) The total rainfall for the month is found by addition. The addition is always done from the smaller to the larger.

(f) The "number of days with .01 in. or more" includes all the days with .01 in. or more 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 days covered by the next reading should be indicated by a bracket. Thus if Jan. 18 would show that the reading on Jan. 17 was 1.4 in. the reading of the 18th day of the month was missed and that the reading on the morning of the 19th was 1.4 in.

(h) The total rainfall for the month is found by addition. The addition is always done from the smaller to the larger.

(i) The "number of days with .01 in. or more" includes all the days with .01 in. or more 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.

(j) If observations are not available for every day during the month the days covered by the next reading should be indicated by a bracket. 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	Station No. 5104/7											
FORM 1090		REGISTER OF RAINFALL IN 1959												
Kept at (Thirladene) Kingshook, Longanddixy 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 R.F. 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.	in.	Date
1	.19	.01	.02	.07	.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	.07	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	-	TR	.01	.82	.06		13
14	-	.01	TR	-	-	-	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	-	-	.03	.27	.22	.09		25
26	-	.01	.04	-	TR	.11	.81	-	.01	.12	TR	.03		26
27	-	.02	TR	.10	-	.09	.66	.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	2.56	Year's Total 17.22	
*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. Keddie (P.T.O.)	

FORM 1090

B

Monthly
Summary

C

Particulars of Station

* * 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.....

Kings'	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	Number of Days with .04 in. or more	Number of Days with .06 in. or more				
						Inches	Inches	Date	*
JAN.									*
FEB.									*
MARCH									*
APRIL									*
MAY									*
JUNE									*
JULY									*
AUG.									*
SEPT.									*
OCT.									*
NOV.									*
DEC.									*
TOTAL									

Signature.....

*See Instruction 3 (g) below.

D

INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information on Section B is required 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, Parliament 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 should be omitted.

(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, if 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 rainfall 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 has been less than .001 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.

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. J. B. KEDDIE,
KINGS ROAD, LONENIDDRY, EAST LOTHIAN.

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

Direction from _____ Distance from _____

Nearest Railway Station Longniddry Distance 910 yds gauge 20° E

Nearest Post Office Gladsmuir Distance 2 1/2 miles gauge S.E. Beach Ridge

Nature of objects nearest to gauge	House Wall of Bungaboo Hedge.	Raspberry Canes	Dwarf Apple	Beach Ridge
------------------------------------	-------------------------------	-----------------	-------------	-------------

Heights of objects 12 ft. 5 ft. 6 ft. 6 ft. 5 ft.

Distances .. 45 ft. 13 ft. 19 ft. 16 ft. 33 ft.

Directions from gauge .. N E S W NW SW.

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

(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 making up the total entry for a day, add "s" if it is helpful. In addition to the amount of water (i.e. actual rain or thawed snow) already inside the gauge; (b) the amount of unmettled snow which had to be converted into water at the time of the observation; (c) the depth of snow remaining unmettled in the gauge. 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 food 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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REGISTER OF RAINFALL IN 1958.													50083	
Section A		for the entry of Daily Observations											Station No. 5-83.	
AIR MINISTRY—METEOROLOGICAL OFFICE—BRITISH RAINFALL ORGANIZATION													130.	
FORM 1091 Kept at (WEST FREUGH)		REGISTER OF RAINFALL IN 1958.												
in the County of WigTOWNSHIRE														
Diameter of funnel of gauge... 5 in.														
Height of top of gauge above ground... 12 ft. 12 in.														
Height of ground above sea level... 5052 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	
2													2	
3													3	
4													4	
5													5	
6													6	
7													7	
8													8	
9													9	
10													10	
11													11	
12													12	
13													13	
14													14	
15													15	
16													16	
17													17	
18													18	
19													19	
20													20	
21													21	
22													22	
23													23	
24													24	
25													25	
26													26	
27													27	
28													28	
29													29	
30													30	
31													31	
TOTAL	4.53	4.54	1.56	1.15	2.02	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	163.3	39.7	29.2	55.8	77.7	103.2	88.0	104.9	77.5	61.5	111.3	977.3	
*Days with 1.0 mm. or more	22.	23.	12.	15.	18.	19.	19.	20.	18.	14.	16.	21.	219.	
OFFICE USE ONLY	19.	16.	9.	11.	11.	12.	13.	14.	13.	12.	10.	17.	157.	

*See Instruction 3(g) on other side. †Spare column, no entries required, except year's total.

(Signed) *J. C. Stuart* S.S.T.O. *Meteorological Office*

FORM 1091	B	Monthly Summary	C	Particulars of Station
** The following register of monthly totals, etc., 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 :-		
RAINFALL IN 195.....		Name and Address to which any inquiry relating to this register should be sent :- <u>METEOROLOGICAL OFFICE, ROYAL AIRCRAFT ESTABLISHMENT, WEST FREUGH, STRANRAER, WIGTOWNSHIRE.</u>		
At _____		Hour of observation by the clock—in Winter <u>0900</u> in Summer <u>1000</u>		
In the County of _____		Nearest Railway Station <u>STRANRAER</u> Distance <u>4½ miles</u> gauge <u>3 ft 6 in.</u>		
Rain-gauge		Diameter of funnel <u>in.</u> Height of top above ground <u>ft.</u> Height of ground above sea level <u>ft.</u>	Nearest Parish Church at <u>STONEY MORN</u> Distance <u>2½ miles</u> gauge <u>3 ft 6 in.</u>	
Month	Total Depth Millimetres	Greatest Fall in 24 hours Millimetres	Number of Days with 0.2 mm. or more Date	0.1 mm. 1.0 mm.
JAN.				
FEB.				
MARCH				
APRIL				
MAY				
JUNE				
JULY				
AUG.				
SEPT.				
OCT.				
NOV.				
DEC.				
TOTAL				
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 shall 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				
Signature <u>Mr. Stead, S.S.A.</u>				
See Instruction 3 (g) below.				
D INSTRUCTIONS				
<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 Meteorologist, Office of the Air Ministry, Headstone Drive, Harrow, Middlesex; or to the Superintendent, Meteorological Office, 26, Palmerston Place, Edinburgh 12.</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 Meteorologist in 1 above.</p> <p>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. G.M.T. (or standard synodic hour nearest 9 a.m.) local Mean Time (see note 3). The measurement must be referred 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, on which Mean Time is 10 a.m. by the clock (British Summer Time).</p> <p>(b) The rain-gauge should be visited every morning without exception. If there has been no precipitation the entry in the register should be dated "0". The entry "0" or "0." 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 is reasonably certain that there has actually been no rain.</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 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 1 mm. mark, are to be entered as 0.1. An entry .05 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, the observer is asked to indicate the fact by entering "0" or "0." against the reading. In addition to the usual entry for the day and "0.", 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 melted snow which had to be converted into water at the time of the observation, and (c) the depth of fresh undrained snow in inches. This can be done in the following way :— (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.</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 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."</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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N.G.R. - 184224 99 Station No. 5760/15

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

FORM 1090 REGISTER OF RAINFALL IN 1958

Kept at RABHOST SKEABOST BRIDGE, SKYE
in the County of INVERNESS. *D.M.P.*

Diameter of funnel of gauge in.
Height of top of gauge above ground 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

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. 1st following	Date
1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
2	—	—	—	—	—	—	—	—	—	—	—	—	—	2
3	1.87	6.69	6.61	—	—	—	—	—	—	—	—	—	—	3
4	1.14	1.44	5.52	0.04	Tr.	—	—	—	—	—	—	—	—	4
5	—	6.68	6.13	0.02	—	—	—	—	—	—	—	—	—	5
6	—	4.55	5.15	—	0.04	—	—	—	—	—	—	—	—	6
7	—	0.08	Tr.	4.05	0.05	1.72	—	—	—	—	—	—	—	7
8	—	6.64	0.18	2.35	0.01	1.30	—	—	—	—	—	—	—	8
9	—	1.14	0.02	5.59	Tr.	0.03	—	—	—	—	—	—	—	9
10	—	6.64	8.84	5.59	—	Tr.	—	—	—	—	—	—	—	10
11	—	0.08	4.55	Tr.	—	5.54	—	2.1	0.09	0.03	—	—	—	11
12	—	Tr.	7.78	—	Tr.	Tr.	Tr.	—	0.02	—	1.12	—	—	12
13	—	3.33	0.03	—	—	0.03	1.10	Tr.	0.09	—	3.91	1.10	—	13
14	—	0.08	4.40	—	—	0.03	Tr.	1.10	Tr.	—	0.01	—	—	14
15	—	—	0.29	0.09	—	Tr.	1.10	Tr.	—	0.07	—	—	—	15
16	—	0.08	0.83	—	—	0.33	0.01	Tr.	0.08	—	0.03	—	—	16
17	—	—	0.31	—	—	0.29	—	2.26	—	0.02	—	—	—	17
18	—	0.08	0.16	—	—	0.19	0.53	0.02	0.24	—	0.35	0.25	—	18
19	—	0.08	0.24	—	—	1.39	0.09	0.04	0.01	—	0.41	0.22	Tr.	0.08
20	—	0.42	0.01	Tr.	Tr.	0.25	—	—	—	—	0.18	Tr.	0.28	0.15
21	—	0.15	0.05	Tr.	—	Tr.	—	—	—	—	0.08	0.01	Tr.	0.12
22	—	0.08	0.05	—	—	0.30	0.09	Tr.	0.18	Tr.	0.08	—	0.11	—
23	—	0.02	0.02	Tr.	—	—	—	—	—	—	0.29	0.02	—	0.25
24	—	X	0.75	0.01	0.03	0.35	0.15	0.07	—	Tr.	0.88	0.10	0.14	0.01
25	—	0.58	0.04	Tr.	—	0.29	0.32	0.01	—	Tr.	0.03	0.02	0.05	—
26	—	0.06	0.38	0.02	0.15	0.06	0.04	—	—	Tr.	0.06	0.04	—	—
27	—	0.59	0.11	Tr.	—	0.13	0.03	0.57	Tr.	0.25	0.01	—	Tr.	0.15
28	—	0.06	0.07	0.28	0.04	0.09	Tr.	0.02	0.06	0.54	0.18	0.02	0.25	—
29	—	0.15	X	0.05	Tr.	0.01	—	—	—	0.01	0.66	0.30	Tr.	0.18
30	—	0.05	X	0.04	0.01	0.08	Tr.	—	—	0.05	0.04	0.20	Tr.	0.14
31	—	0.43	X	Tr.	X	Tr.	X	—	0.06	0.04	X	0.03	X	0.10
TOTAL	0.89	4.85	3.74	2.97	7.31	1.82	2.17	4.39	6.00	9.02	11.17	4.67	6.200	
*Days with 0.01 in. or more.														
*Days with 0.01 in. or more.														

*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) *R.H. Murray 9/61* (P.T.O.)

FORM 1090 REGISTER OF RAINFALL IN 1958

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 1958

At _____

In the County of _____

Rain-gauge Diameter of funnel in _____ 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 0.01 in. or more
JAN.			
FEB.			
MARCH			
APRIL			
MAY			
JUNE			
JULY			
AUG.			
SEPT.			
OCT.			
NOV.			
DEC.			
TOTAL			

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 details 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?

EDINBURGH 8 JAN 1959

NOTES ON SNOWFALL

(a) On some occasions 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 .005 mark or between this and the 0.1 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 snow which had to be melted to obtain the water; (b) the amount of unmetalled snow which had to be converted into water at the time of the observation, and (c) the depth of fresh undrained snow in inches. This can be added in the form (a). 10: (b). 20: (c). 2. If necessary, details, with the date, can be given in the space available at the foot of Section C 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 0.01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with 0.04 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.

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, Westminster Dry Dock, Middlesex, or, in the case of Scottish stations, to The Superintendent, Meteorological Office, 36, 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 up the register on the reverse side the following rules should be observed. Those which apply also to the summary form above are printed in this 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 for example for January 1st is the rainfall for the 24 hours falling 9 a.m. on January 1st is therefore the amount measured on January 2nd.

(b) Rain should be measured each morning at 9 a.m., Greenwich Mean Time by the clock during Summer Time Period.

(c) The 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 "it." is to be made in the two following cases, (A) and (B).

(A) Rain should be measured each morning 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 for example for January 1st is the rainfall for the 24 hours falling 9 a.m. on January 1st is therefore the amount measured on January 2nd.

(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.

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N.G.R. 36/140914

Section	A	for the entry of Daily Observations	Station No.	5476/8										
METEOROLOGICAL OFFICE—AIR MINISTRY														
FORM 1090 REGISTER OF RAINFALL IN 1956.														
Kept at Cowdenbeath (Sewage Works.)														
in the County of Fife.														
Diameter of funnel of gauge	5	in.	Printed											
Height of top of gauge above ground	1	ft. 0 in.	ABE											
Height of ground above sea level	390	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														
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date	
1	—	.01	—	.01	—	.08	.01	—	—	.14	.07	.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	—	.01	.04	.18	.52	.04	.07	—	—	.02	.29	11	
12	.15	—	—	.18	.37	.13	.12	.02	—	.01	.03	—	12	
13	.13	—	.50	2.01	.01	.21	.06	.04	.02	.30	.02	.52	13	
14	Trace	—	.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	—	—	—	—	.15	.38	.05	.20	.01	.15	—	17	
18	.03	—	—	—	—	.03	.22	.01	.08	—	.03	—	18	
19	.05	—	.20	—	—	.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	Trace	.20	.11	.08	—	24	
25	—	.24	—	—	.01	—	—	.29	—	.16	.05	.64	25	
26	—	.35	—	.02	.21	—	.03	.13	—	.14	.01	.23	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	1.71	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.														
*Days with .04 in. or more.														
*See Instruction 3(g) on other side.														
†Spare column, no entries required, except year's total.														
(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 1956					
At	In the County of				
Rain-gauge	Diameter of funnel in.				
	Height of top above ground ft.				
	Height of ground above sea level ft.				
Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in. or more		
	Inches	Inches	Date	*	*
JAN.					
FEB.					
MARCH					
APRIL					
MAY					
JUNE					
JULY					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					
TOTAL					

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—

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

NOTES ON SNOWFALL

METEOROLOGICAL
EDINBURGH
11 JAN 1961

Signature

*See Instruction 3(g) below.

D INSTRUCTIONS

- Section A should be completed in the case of gauges read daily. Information in 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, Princes Street, Edinburgh.
- Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained from the Meteorological Office.
- 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*—
 - The observations should be entered preferably at 9 a.m. Greenwich Mean Time. The measurements to be credited for the previous day 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 recorded on January 2nd.
 - The time should be given as 9 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 "No rain." If the entry is "No rain" or "trace" or "it." is to be made in the following two cases, (A) and (B).
 - 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.
 - 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.
 - The arithmetic giving monthly totals from daily values, and values copied from original registers, should be checked.
 - 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.

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REGISTER OF RAINFALL IN 1960

Section A for the entry of Daily Observations
METEOROLOGICAL OFFICE—AIR MINISTRY

Form 1090 (Revised March, 1960)
Except at PUMPING STATION FILEY 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
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	.04	-	-	-	-	-	.04	.08	.37	.10	-	1
2	-	.21	-	-	-	-	-	.01	.05	.01	.30	.46	2
3	.02	-	.11	-	-	-	-	.03	.01	.12	.25	-	3
4	.01	.06	-	-	.02	-	-	.03	.01	.12	.25	-	4
5	-	-	.01	-	-	.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	.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	.01	16
17	.01	-	-	-	-	-	.07	.41	.04	.12	.50	.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	.54	.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	.11	-	-	-	.03	-	.38	.05	.19	-	.09	-	28
29	.27	.01	.TR	-	-	.01	-	.01	.02	.37	-	.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	.75	.82	.36	3.08	3.34	2.07	6.40	4.45	3.76	33.57
*Days with .01 in or more	25	17	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.

(Signed) [Signature] (P.T.O.)

TF 72

FORM 1090 (Revised March, 1960) B Monthly Summary C Particulars of Station 41-049250. 34075.

The following register of monthly totals 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 enquiry relating to this register should be sent:

RAINFALL IN 1962.

At MASHAM MOOR (HORNAGILL BECK WEST) Hour of observation by the clock—in Winter in Summer

In the County of YORKSHIRE N.R.

Rain-gauge Diameter of funnel 5 in. Height of top above ground 1 ft. 0 in. Height of ground above sea level 1210 ft.

Month	Total Depth	Greatest Fall in 24 hours	Number of Days with .01 in. or more
JAN. C	3.95	?	*
FEB. C	3.60	2.60	
MARCH	2.60	1.60	
APRIL	2.95		
MAY C	3.20		
JUNE	2.55	1.35	
JULY	3.05		
AUG.	4.90		
SEPT.	3.85		
OCT.	2.60	1.60	
NOV.	3.05		
DEC.	2.65		
TOTAL	38.55	34.55	

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:

- 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?

March 1st & 3rd.

NOTES ON SNOWFALL

D INSTRUCTIONS

1. Section A should be completed in the case of gauges read daily. Information concerning the dates on which observations were taken should be filled in Section C should also be recorded. 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, Parliament Place, Edinburgh 12, or, in the case of stations in Northern Ireland, to the Senior Meteorological Officer, Meteorological Office, Tyrone House, Ormeau Avenue, Belfast.

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 address given in I above.

3. In filling up the register on the reverse side the following rules apply, unless otherwise given which apply also to the summary form above printed in italic type:

- 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 "u." is to be made in the two following cases, (A) and (B).
- When there is less than .005 in. of water in the gauge and the observer is reasonably sure that there is actually less precipitation since the preceding measurement.
- 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.
- The arithmetic giving monthly totals from daily values, and values copied from original registers, should be checked.
- 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.

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Section **A** for the entry of Daily Observations
METEOROLOGICAL OFFICE—AIR MINISTRY

FORM 1090
(Rev. Feb. 1961) **REGISTER OF RAINFALL IN 1962**
Kept at **SEWAGE DISPOSAL WORKS** **East Barnet S. Wks.**

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

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Date	
1													1	
2	-	03	-	19	-	-	-	-	-	18	-	-	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	-	-	1.19	18	-	03	-	-	6	
7	-	09	-	15	05	-	-	03	-	-	16	-	7	
8	-	05	-	16	42	01	-	-	-	-	TR	37	8	
9	-	24	-	08	-	TR	-	23	14	-	TR	09	01	
10	-	34	-	33	03	09	06	21	-	12	TR	04	TR	
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	-	
19	-	05	-	-	01	09	-	01	-	-	-	07	18	
20	-	21	-	-	02	25	04	07	03	-	-	22	36	
21	-	92	-	-	34	07	-	60	03	-	-	-	21	
22	-	-	-	-	-	-	03	-	-	-	-	-	22	
23	-	24	-	06	04	01	-	-	09	-	-	14	-	
24	-	05	-	-	-	-	-	-	-	04	01	-	23	
25	-	05	14	-	-	-	65	-	37	48	TR	-	24	
26	-	04	-	02	-	09	TR	1.09	06	06	33	TR	41	
27	-	-	-	-	-	09	-	-	02	01	TR	07	26	
28	-	-	01	52	-	05	17	-	-	31	06	-	27	
29	-	X	13	-	-	03	-	-	66	33	-	40	28	
30	-	X	05	-	-	01	01	-	15	TR	-	10	29	
31	-	X	02	X	-	X	-	-	X	03	X	06	30	
TOTAL		3.59	.56	1.54	2.04	1.23	.39	3.81	2.49	2.95	2.04	1.94	2.27	24.85
Days with rain or more.		3	6	3	6	5	2	4	4	4	2	3	3	45
Days with 0.4 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.** **(Signed)** **(P.T.O.)**

Station No. **05-244944**

FORM 1090
(Revised Feb. 1961) **REGISTER OF RAINFALL IN 1962**
As at **East Barnet S. Wks.** **2 JAN 1963**

B Monthly Summary **C** Particulars of Station **02-283327**

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:—
Basel D. Sims, Glendower, Manor Close, East Horsley, Farnham, Surrey.

RAINFALL IN 1962

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

Nature of objects nearest to gauge **Position of gauge was inspected by Met. Office representative in 1961, and was accepted by him as the best in relation to surrounding objects. Since his visit all the pine & fir trees to the S. and S.E. have been felled.**

Rain-gauge **Diameter of funnel 5 in.**
Height of top of gauge above ground **1 ft. — in.**

Distances **... Directions from gauge ...**

If gauge has been moved during the year state:—
Date of move **Not moved** 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?

DAILY MEASUREMENTS
Daily measurements (except of snow) have not been taken.

NOTES ON SNOWFALL

Snow fell on 25th and 26th February to a total depth of **3½ inches.**
One inch of snow fell on 12th December.
On 26th Dec (up to 9 a.m. on 27th) **5 inches**
On 27th Dec (up to 9 a.m. on 28th) **5 inches**
On 29th Dec (up to 9 a.m. on 30th) **4 inches**
On 31st Dec (up to 9 a.m. on 1 Jan) **3 inches (drifts up to 3 feet)**

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-General, Meteorological Office, M.R.D., Meteorological Research Establishment, 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.

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 a bracket.

3. In the register on the reverse side the following rules should be observed, 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 24 hours following 9 a.m. on January 1st; it is therefore the amount measured at 9 a.m. on the 2nd. The time of observation is 9 a.m. Greenwich Mean Time 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 "No rain" (not "0"). 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 to be estimated 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, observe and record to the fact by entering "melted" against the readings. In addition to the total entry for the day and "melted", 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 unmetalled snow which had to be converted into water at the time of the observation, and (c) the depth of fresh unmetalled snow after the melting process. These figures are to 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 ornamental registers, should be based on the total entry for the day and "melted".

(g) The "number of days with 0.1 in. or more" includes all the days when any rain except those for which the entry is "trace". The "number of days with 0.4 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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