

RAINFALL at Woolwich (East)

County of Kent

Observer Royston Electric Supply Co.

River Basin Graveyard

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

Diameter						5						
Height						1	0					
Altitude						165						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January							5.95	9.23	4.60	.81		
February							5.43	5.10	5.62	1.55		
March							3.32	5.31	4.31	2.51		
April							.61	1.37	2.74	3.45		
May							1.74	2.59	.62	2.09		
June							1.77	3.51	1.45	1.12		
July							2.35	5.03	6.36	7.06		
August							2.44	2.22	1.46	1.84		
September						# 3.32	2.71	2.85	1.58	3.17		
October						6.05	2.24	7.17	1.82	4.28		
November						3.43	.94	6.07	6.34	7.00		
December						9.57	.95	4.38	2.53	5.11		
TOTALS						44.46	30.45	54.83	39.43	39.99		

1936 Overhead wires 20-25 ft high 20-30 yds. N.E.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series } No. of Map..... Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1936			Strathpeffer	7 1/2 mls	E	Contin	5 1/2 mls	E

RAINFALL at hochmichart (weir)County of Ross & CromartyObserver Roughin Electric Supply Co.River Basin H. Cromarty FirthType of Gauge M.R.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter						5						
Height						1	0					
Altitude						325						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January							6.92	8.12	4.48	8.9		
February							4.95	5.85	5.23	1.12		
March							2.37	7.49	5.08	1.82		
April							4.4	2.07	5.33	3.80		
May							1.64	2.42	4.5	2.19		
June							2.31	4.04	1.14	1.38		
July							1.77	5.31	6.59	6.33		
August							2.68	2.78	1.88	3.31		
September						# 3.59	3.20	3.55	1.47	3.87		
October						7.12	2.21	8.63	1.98	4.80		
November						2.64	1.13	7.04	6.53	6.52		
December						10.13	.88	4.21	2.43	5.68		
TOTALS						imp	30.80	61.51	40.59	41.71		

1936 Trees 15-20' high 10-20' N.W.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1936			hochmichart	1/2 ml.	S.W.	hochmichart	1 ml.	S.W.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No.

5773/4

RAINFALL at Lochnichart (East)

41

County of Ross & Cromarty Observer Ross-shire Electric Supply Co.River Basin H - Cromarty Firth Grampian Electricity Supply Co. (April 44)Type of Gauge CD N. of Scotland Hydro-Electric BoardAnnual Average 39.5 in. based on 6 years obs. ~~un~~weighted. Period of average 1887-1915 Ref. S

File No.

Diameter	5"				789	696					
Height	1'0"					1					
Altitude	1654					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.61	3.03	2.55	7.21	5.41	4.59	3.54	5.59	9.02	5.84	
February	3.63	2.90	6.19	3.54	5.22	6.51	7.77	4.68	6.81	4.62	
March	2.75	7.0	3.70	3.42	3.06	2.03	2.01	3.86	3.63	2.41	
April	1.50	2.23	4.43	2.10	2.86	2.77	7.22	3.50	4.35	6.99	
May	2.37	2.58	2.84	3.69	2.14	1.32	1.46	2.98	2.02	2.22	
June	0.67	2.20	1.85	4.22	3.62	4.49	3.03	2.54	1.52	2.76	
July	2.34	2.56	2.95	1.20	2.86	4.51	3.15	1.92	1.70	3.92	
August	4.46	3.05	3.61	2.15	1.77	2.66	4.1	4.25	4.46	5.13	
September	95	4.11	2.76	4.35	4.99	6.37	5.23	3.47	1.59	8.31	
October	5.69	6.87	4.82	4.89	4.02	6.6	1.95	5.22	2.14	4.59	
November	4.51	1.77	5.36	5.09	4.5	4.54	8.17	4.32	3.80	4.43	
December	5.50	4.75	3.13	5.64	4.59	3.38	4.33	6.51	12.73	3.54	
TOTALS	36.88	36.75	44.19	47.50	40.99	43.83	41.27	48.84	53.77	54.76	
	D	P	D	D	D	D	D	D	D	D	

Inspected 7.6.45. Gauge & certified measure correct. Gauge on level plot 8 ft diameter, surface gravel. Plot is cut out of surface of a sloping bank. Another 2 ft high grass 4 ft from gauge. Another has been allowed to grow since 1943 as camouflage for Power House pipes. Exposure to east is open, 4 wet ground rises sharply to 1600 ft in less than one mile. Site at present is a poor one but when better & climbing is cut down catch level improves.

Position of Station on reduced Ordnance Survey Map, }
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION

RAINFALL at Lochinchart (West) (The Mause) Station No. 5773/5

41

County of Ross & Cromarty Observer Ross-shire Electric Supply Co.
River Basin 4 - Cromarty Firth Grapian Electricity Supply Co. (April 44)
Type of Gauge (D) N. of S. Hydro. Electric Board. 1948Annual Average 42.2 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter	5"				789	438					
Height	1' 0"					1					
Altitude	325'	*				41			*	310'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(2.80)	3.86	4.24	11.36	5.00	4.76	3.60	-1.00	10.81	6.01	
February	3.38	1.25	9.23	4.02	6.30	7.47	2.7		7.24	4.16	
March	(2.84)	1.30	5.37	3.89	(4.21)	1.85	(2.15)		3.55	2.88	
April	2.07	1.86	6.09	2.61	(3.11)	3.29	6.13		4.75	6.96	
May	2.21	1.79	3.39	3.40	2.33	1.14	2.06	-1.00	2.37	1.79	
June	0.56	2.29	1.99	5.58	3.94	4.61	2.55	3.79	1.47	3.23	
July	2.84	2.27	2.40	.48	2.40	4.82	2.71	-1.00	2.96	4.05	
August	5.43	3.67	5.29	2.66	1.50	3.19	-1.00		4.16	3.68	
September	1.09	4.90	3.73	3.77	6.58	5.90	-1.00		2.28	9.74	
October	6.46	9.37	6.86	6.55	3.40	.83			2.67	5.33	
November	4.59	1.78	7.07	6.06	.65	4.28		Imp.	4.17	4.76	
December	5.56	5.57	3.33	9.95	4.42	3.47	-1.00	6.03	12.45	4.73	
TOTALS	39.83	39.91	58.99	60.33	43.84	45.61	-1.00	-1.00	58.88	57.32	
	d	d	d	np.	d	d	Imp.	Imp.	d	d	

Jan - March. Expected 9.0.45 Gauge in good condition on level grass plot in corner of school ground.
1944. 7.10 High. A piece of wire, setting 4 ft. high runs along east side of gauge only 5 ft. away. The school
25 ft. high is within 16 ft. of gauge to S.W. To N.W. ground rises to 137 ft. with 12 miles.
1945 March & April afforestation
1947 March part cut for pasture. 5.11.45. Gauge moved to Mause. (winter records of position 22.6.49)

50004

14004

10000

Position of Station on reduced Ordnance Survey Map, }
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

RAINFALL at * Loch Luichart (East) Station No. 5773/4 51
 County of Ross & Cromarty Observer N. of S. Hydro-Electric Bd.
 River Basin H. Cromarty Firth
 Type of Gauge M.O.

Annual Average 39.5 in. based on 6 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. S
42.9"

File No.

Diameter ...	5"				789	696						
Height ...	1' 0"					1						
Altitude ...	165'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.15	5.58	3.96	4.25	3.59	4.44	6.66	4.13	4.55	5.48		
February ...	3.42	3.28	2.71	3.46	3.77	3.06	3.26	4.34	1.66	3.28		
March ...	2.91	2.40	2.21	2.32	1.47	2.57	2.93	2.44	2.50	0.59		
April ...	4.77	1.57	2.98	2.32	1.19	2.76	1.04	2.56	6.29	3.58		
May ...	1.24	2.49	3.03	3.75	2.20	3.29	1.57	4.65	1.96	1.11		
June ...	1.61	2.67	2.42	2.09	1.22	1.57	2.43	2.77	2.72	2.71		
July ...	3.80	1.83	2.79	2.99	.61	3.80	5.85	1.97	3.86	2.48		
August ...	3.90	3.42	2.31	1.87	.35	6.23	4.59	3.76	2.21	5.73		
September ...	2.04	3.25	3.26	4.58	3.91	3.94	3.37	3.41	1.04	2.34		
October ...	1.63	5.29	0.84	6.38	4.92	5.43	4.39	5.58	4.80	2.97		
November ...	7.03	3.62	5.89	4.61	1.72	5.34	2.25	1.45	4.35	2.22		
December ...	9.32	4.67	4.14	11.71	8.98	6.30	7.52	5.04	3.86	5.39		
TOTALS ...	45.82	40.07	36.54	50.33	33.93	48.73	45.86	42.10	38.30	37.88		
	D	D	D	D	D	D	D	D	D	D		

Ins 6.5.58. Rim dented and out of shape - very old & battered. New gauge rec.
 Powerpole 30' high + 10" diam 4" ss. Steep slope S and lesser slope W countered
 by small trees old power station and hillside opposite.
 Ins May 1959. N.S. & B. New site had to be chosen because of new transmission
 pole on S. - a well sheltered spot - 15' NW was chosen and cone will be needed
 to keep clear of dumped debris. New bottle and funnel required.

* Named & approved by Mr. Thomson 27.5.53. (Two words)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 28/390575

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C mix 1936 D 37-40	✓ D	

* Lochinchraigh (The Manse) Station No. 5773/5
RAINFALL at Lochinchraigh (The Manse)
 County of Ross & Cromarty Observer N. of S. Hydro-Electric Rd.
 River Basin H. - Cromarty Firth
 Type of Gauge N.O.

51

Annual Average 42.0 in. based on 6 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. S

File No.

Diameter ...	5"				789	438						
Height ...	1'0"					1						
Altitude ...	316'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.64	6.64	5.52	4.73	(3.80)	5.14	6.44	4.22	4.70	4.03		
February ...	3.49	3.84	2.55	3.02	3.80	3.59	2.72	4.27	1.67	3.54		
March ...	3.60	2.20	2.33	2.34	1.25	2.63	3.43	2.43	4.26	0.76		
April ...	5.01	1.18	2.57	2.17	1.35	2.39	1.24	2.94	4.14	4.05		
May ...	1.43	1.71	3.55	4.23	2.24	3.29	1.54	4.28	1.63	1.24		
June ...	1.14	2.55	2.79	2.24	1.35	1.77	2.32	1.74	3.33	1.93		
July ...	2.70	2.76	3.58	2.76	1.49	4.05	5.15	1.93	5.01	2.19		
August ...	4.06	3.00	2.44	1.55	0.38	5.41	4.99	3.30	3.33	4.81		
September ...	2.03	3.93	3.31	4.22	4.42	3.72	3.19	3.03	1.54	1.90		
October ...	2.26	5.86	1.13	7.42	5.67	5.83	5.69	6.80	5.80	2.21		
November ...	6.16	4.26	6.91	4.74	1.60	6.09	2.23	1.65	5.31	2.49		
December ...	10.23	5.61	4.08	13.09	9.37	6.95	8.46	4.62	4.05	5.86		
TOTALS ...	46.75	43.54	40.76	52.51	37.32	50.86	47.30	41.21	43.12	35.01		
	D	D	D	D	D	D	D	D	D	D		

1951 Gauge inspected. Deer fence 6', 9' S; Deer fence 6', 18' E;
 Barn 12', 20' N; House 20', 50' NW;
 for May 1951. N.S. H.B. Delivery tube to be repaired. No inner bottle. Pure site in
 S. vegetable garden.

40009

* Agreed by Mr. Thomson 27.5.53. (One word)

28/317235

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 28/320625

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Lochinchraigh	700 yd E	Lochinchraigh	100 yd NW.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C 1936 D 28-40 d 27	1941-43 ND 1944-46 ND 1947-48 Imp 1949-50 D	