

RAINFALL at ~~Strathpeffer~~ (East)

County of Ross + Cromarty

Observer ¹⁰ Rosehill Electric Supply Co.River Basin ~~ie Cromarty Firth~~

Type of Gauge m.s.

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	460		.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	145		1.12
July							2.35	5.03	6.86		7.06
August							2.44	2.22	146		1.84
September					3.32	2.71	2.85	158			3.17
October					6.05	2.24	7.17	182			4.28
November					3.43	9.4	6.07	6.34			7.00
December					9.57	9.5	4.38	2.53			5.11
TOTALS					year	30.45	34.83	39.43			39.99

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

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

Date.	Lat. N.	Long.	Railway Station,	Distance from gauge	Direction from gauge	Parish Church,	Distance from gauge	Direction from gauge
1936			Strathpeffer	7½ mls	E	Condie	5½ mls	E

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

RAINFALL at ~~Hochmichart~~ (Wex)

County of Rosemary

Observer Reading Electric Supply Co.

River Basin Wexford

Type of Gauge M.R.

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

Diameter											
Height						5					
Altitude						100					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January							6.92	8.12	14.48	8.9	
February							4.95	5.86	5.23	5.12	
March							2.87	7.49	5.08	1.82	
April							1.74	2.07	3.33	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						#	3.89	3.20	3.55	1.47	3.87
October							7.12	2.21	8.63	1.98	4.80
November							3.64	1.13	7.04	6.53	6.52
December							10.13	8.88	4.21	2.43	5.68
TOTALS							10.80	30.80	61.51	40.59	11.71

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

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1936			Hochmichart	½ mi.	S.W.	Hochmichart	1 mi.	S.W.

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

Station No.

5773/4

41

RAINFALL at Lochluichart (East)

County of Ross & Cromarty Observer Ross-shire Electric Supply Co.
 River Basin A - Cromarty Firth Grampian Electricity Supply Co. (April '44)
 Type of Gauge (M) N. of Scotland Hydro-Electric Board.

Annual Average 39.5 in. based on 6 years obs. ~~unweighted~~. Period of average 1887-1915 Ref. S

File No.

Diameter	5"			489	696					
Height	1' 0"				1					
Altitude	1654				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
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	8.37	2.58	2.84	3.69	2.14	1.32	1.46	2.98	2.02	2.22
June	0.57	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	1.41	4.25	4.46	5.13
September	9.5	4.11	2.76	4.35	4.99	6.37	5.23	3.47	1.59	8.31
October	5.69	6.84	4.82	4.89	4.02	6.60	1.95	5.22	2.14	4.59
November	4.51	1.77	5.36	5.09	1.45	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	3688	36.45	44.19	47.50	40.99	43.83	41.27	48.84	53.77	54.76

Inspected 7-8-45. Gauge & certified measure correct. Gauge on level plot 5 ft. diameter, surface gravel. No catch plate in catch out of gauge for trapping bank. Breather 2 ft. high goes soft from gauge. Breather has been about 6 ft. above since 1943 as camouflage for Power House offices. Exposure to east is open, to west ground rises deeply to 100ft. in less than one mile. Site at present is a poor one but when higher & shrubby 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

RAINFALL at Lochblanchart (West) (The Manse) Station No. 5773/5 41

County of Ross & Cromarty Observer Ross-shire Electric Supply Co.
 River Basin 4 - Cromarty Firth Grampian Electricity Supply Co. (April '41)
 Type of Gauge (1) M.o.S. Hydro-Electric Board. 1948

Annual Average 42.2 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"			189	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	-100	10.81	6.01	
February	3.38	1.25	9.23	14.02	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	2.67	1.66	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	-100	2.37	1.99	
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	4.48	2.40	4.82	2.71	-100	2.96	4.05	
August	5.43	3.67	5.29	2.66	1.50	3.19	-100		4.16	3.68	
September	1.09	4.90	3.73	3.77	6.58	5.90	-100		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	6.65	4.28		-100	4.17	4.76	
December	5.56	5.57	3.33	9.95	4.42	3.47	-100	6.03	12.45	4.73	
TOTALS	39.83	39.91	58.99	60.33	43.84	45.61	-100	-100	58.88	57.32	
	d	d	d	d	d	d			d	d	
	50004			14004		10000					

Jan - March 1944. Gauge in normal condition on level ground plot in area of coastal ground 1944. 7 ft high. A field of wire netting 4 ft high runs along east side of gauge only 5 ft away. The school 25 ft high is within 16 ft of gauge & 5 ft. To sea ground rises to 130 ft. in 1½ miles.

1945 March & April postponed

1947 March part est for gauge. 5 ft high. Gauge moved to manse.

(existing details of position 226 w.e.)

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	Parish Church.	Distance from gauge

RAINFALL at Loch Luihart (East)

Station No. 577314

51

County of Ross & Cromarty Observer N.S. Hydro-Electric Bd.

River Basin H. Cromarty Firth.

Type of Gauge. H.O.

Annual Average 39.5 in. based on 6 years obs. unweighted. Period of average 1881-1915 Ref. S

42.9"

File No.

Diameter ...	5"				489	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	3.44	3.06	3.26	4.34	1.66	3.28	
March ...	2.91	2.40	2.21	2.32	1.47	2.87	2.93	2.44	2.60	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	1.67	4.65	1.96	1.11	
June ...	1.61	2.67	2.42	2.09	1.22	1.51	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	4.89	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	38.80	37.88	
	D	D	D	D	D	D	D	D	D	D	

In 6.5.58. Rim dented and out of shape - very old & battered. New gauge rec. Powerpole 30' high + 10" diam 4' 5" s.e. Steep slope S and lesser slope W countered by small trees old power station and hillside opposite.

In May 1959. N.S.H.B. New site had to be chosen because of new transmission pole no S. - a well sheltered spot - 15° NW was chosen. Site - care will be needed to keep clear of dumped debris. New bolt hole and funnel required.

* Named agreed by Mr. Thomson, 27.5.53. (Two words)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 28/300575

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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 incl 1936 D 37-40	✓ D ✓	

* Lochinchar (The Mains) Station No. 577315

RAINFALL at Lochinchar (The Mains)

51

County of Ross & Cromarty Observer N. of S. Hydro-Electric. Rd.

River Basin H - Cromarty Firth

Type of Gauge H.O.

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

44.7

File No.

Diameter ...	5"				789	438					
Height ...	1' 0"					1					
Altitude ...	310'					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	\$2.6	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	.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	4.92	3.72	3.19	3.03	1.51	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	P	P	D	D	D	D	D	D	D	

1951: Gauge inspected. Dear fence 6', 9' 5"; Dear fence 6', 18' E;

Barn 12', 80' N; House 20', 50' NW;

Ans May 1954. N.S.H.B. Delivery tele C be repaired. No inner bottle. Barn siten
S vegetable garden.

40009

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

28/317625

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 28/317625..

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

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1936 D 88-40 E 27,	1941-42 d 1944-45 d 1947-48 1mp 1949-50 d	