

RAINFALL AT Fortrose Hollysyde

Lat. _____ Lon. _____ County of _____ Ross-shire

Japanese Fir Howard Rain Gauge, by _____ Observer Archibald Thom Esq
Moray 7th - 3.

Diameter ...										6
Height										1.0
Altitude ...										80
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909 MEANS.
January ...										2.14
February64
March										4.94 1.99
April82 1.96
May										1.10 1.73
June.....										.86 1.06
July										1.13 1.87
August.....										1.69 1.01
September ..										4.36 1.32
October57 3.45
November ..										1.74 .85
December ...										1.19 1.43
TOTALS ...										19.45

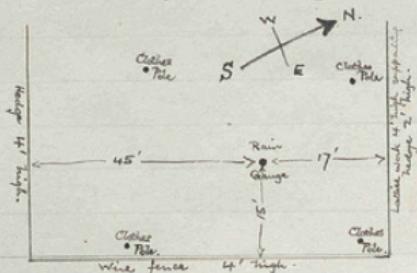
1908. Rosmarkie Church 1½ mile NE.

Fortrose Station to " N.

House 30 ft. high, 73 ft. N.

G. is situated about 30 yards from the sea.

g. read weekly and not on 1st of month till 15.1X.08.



RAINFALL at Fortrose, Hollyside 5769

County of Ross Observer A. Thom Esq.

River Basin Moray Firth Coast Streams 3

Rain Gauge, by _____

Diameter ...	6	5										
Height	1	0										
Altitude ...	69 ^N									70		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS MEANS 16-19	
January ...	2.30	.84	.92	.43	2.38	1.70	3.16	3.35	3.28	1.72	11.51	
February63	2.56	1.31	1.50	1.57	1.98	3.02	.74	2.38	1.31	7.45	
March82	1.13	1.41	2.25	2.13	1.89	1.86	1.94	.83	1.95	6.58	
April	4.45	1.55	1.57	.94	.52	2.61	1.57	2.19	.81	3.25	7.82	
May	1.37	2.21	1.71	.52	3.27	1.12	3.54	2.21	2.00	.35	8.10	
June.....	1.22	2.48	3.54	2.78	.72	.96	4.24	3.28	1.83	1.81	11.16	
July	3.85	1.61	1.91	.90	2.48	4.00	4.16	1.41	2.94	.44	8.95	
August.....	3.49	.89	3.92	.61	.80	2.26	2.48	5.69	2.56	2.07	12.80	
September ..	.48	1.24	1.41	1.64	.92	6.41	.99	1.90	3.15	2.40	8.44	
October58	2.71	1.48	.97	.88	1.44	5.39	4.41	2.41	1.82	14.03	
November ..	3.72	4.80	2.33	2.71	2.92	3.33	1.93	4.99	2.13	3.65	12.70	
December...	1.26	1.70	2.91	2.97	3.23	3.88	2.29	1.90	2.34	2.23	8.76	
TOTALS ...	24.17	23.72	24.42	18.22	21.42	31.58	34.63	34.01	26.66	23.00	118.30	
	D	D	D			D		D		D		

Date.	Lat. N.	Long.W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	57°35''	4°8'	Fortrose H.R.L.	4 miles	N.	Rosneathie	1½ miles.	E.

RAINFALL at Fortrose, ~~July~~

County of Ross

Observer A. Thorn Esq

River Basin Moray Firth Coast Streams 3.

L.G. Rain Gauge, by

1920. Gauge moved 10-2-20. 300 ft E of old site

house 20 ft high 48 ft w

Position of Station on reduced Ordnance Survey Map 2 miles to 1 inch Series } No. of Map

References No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920	57° 35'	4° 8°	Forres H.R.	1/2 mi N	Rosmarkie	1 1/2 mi E

RAINFALL at

Forthrose

M.W.R.

County of Perth & Kinross.Observer A. StomRiver Basin S. Murray & North Coast Streams.The Tay & Clerk (1935)Type of Gauge M.O.Rain w^m Creek

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

Diameter	5.											SUMS Means
Height	1.0.											
Altitude	69											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	3.07	3.58	1.49	2.33	1.84	1.88	2.71	3.42	3.22	.80	24.34	
February	1.98	.39	1.65	.64	2.07	1.35	2.96	1.37	2.37	1.18	15.96	
March	1.13	3.51	0.52	3.02	1.41	1.94	1.50	1.27	2.31	2.01	17.62	
April	1.94	3.15	2.10	4.59	2.39	.95	1.35	.60	1.34	1.94	19.35	
May	2.25	2.55	0.71	2.06	1.00	1.17	1.49	2.09	.82	1.38	15.52	
June	3.09	.22	1.11	1.36	3.09	.81	1.81	3.30	1.89	.79	17.46	
July	2.53	2.06	2.34	4.40	1.10	5.25	2.67	4.47	6.70	8.83	40.35	
August	1.49	1.26	1.00	2.14	3.31	1.52	3.99	1.54	1.61	1.05	18.91	
September	1.11	2.90	0.18	1.52	3.05	3.32	1.20	2.80	1.39	1.34	18.91	
October	2.21	3.96	3.71	3.70	4.31	3.27	1.75	5.26	1.79	3.02	33.01	
November	1.54	3.13	0.64	1.72	2.19	1.80	.35	3.71	2.59	4.55	21.22	
December	1.43	2.25	0.19	1.86	1.57	3.47	1.96	1.48	2.11	3.31	18.93	
TOTALS	24.10	28.96	16.64	28.33	27.33	25.73	21.74	31.31	28.14	30.20	261.48	
	D.											

1931. House 20' high 48°W.

1934 Garage 10' high 10°N.

1935. Gauge moved 31st January 200 ft. S.E.

Building 12 ft. high 28°E.

Wall 5° - 15° N.

" 5° - 20° E.

1938. Gauge moved 21st May 150 ft. N., Stone Wall 12 ft. high 72° NW, Shed 9 ft. high 87° E., Garage 10 ft. high 207° S.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
1931.			Forthrose	4 m	N.	Rosemarkie	3/4 m	10.17° E.
1935			Forthrose	7 m	NW	"	2 m	N
1938.			"	350.7 m	NW	"	250.7 m	NNW

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

Station No.

5769

RAINFALL at Fortrose

M.W.R.

41

County of Ross & Cromarty Observer Rev. W^r Craig

River Basin 3 - Moray Firth Coast Streams.

Type of Gauge.

Annual Average 23.8 in. based on 24 years obs. unweighted. Period of average 1881-1915 Ref. S (new.)

File No.

Diameter	5"				793	280					
Height	1' 0"					1					
Altitude	69'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS Means
January	1.13	2.01	1.24	3.18	2.82	1.27	1.06	2.55	3.30	2.29	20.85
February	2.20	1.39	2.70	2.28	2.48	2.38	.75	2.38	1.86	1.98	20.40
March	1.78	.69	2.12	1.12	.97	1.06	1.16	1.62	1.51	1.11	13.74
April	1.10	2.01	1.46	1.50	1.30	.68	2.08	2.16	1.78	2.93	17.00
May	2.39	2.70	3.69	2.24	2.73	1.66	1.41	2.77	1.49	1.80	22.88
June	0.30	.93	1.46	2.70	3.02	2.64	3.11	3.79	1.06	1.59	20.60
July	2.31	2.55	1.85	1.31	2.25	5.42	2.58	2.22	1.43	1.95	23.87
August	4.49	3.14	3.98	1.75	2.09	2.23	.31	3.98	4.06	2.72	28.75
September	1.02	3.74	2.31	2.70	2.15	2.85	4.15	1.87	.82	4.20	25.81
October	3.89	3.81	2.93	3.73	4.08	.42	1.15	2.50	1.42	1.40	25.03
November	2.74	.93	3.00	3.35	.28	3.07	4.15	1.74	2.09	3.35	24.70
December	2.35	2.87	.84	2.85	2.75	.91	2.09	2.18	5.46	1.49	23.79
TOTALS	25.70	26.77	27.58	29.31	26.92	24.59	24.00	29.76	26.28	26.51	267.42

12.47 Imp. Str appears negligible. Town Clerk advised to move new gauge or to agree up site. (Imp. elevation required.) $\frac{1}{2} C 64$

1948 G. moved to Chantry Pt.

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

793280

Station No. 5769

M.W.R.

51

RAINFALL at Fortrose

County of Ross + Cromarty

Observer

Rev. W. Farquhar

River Basin 3 - Moray Firth, Coast Streams

Summary of Hydrology (1955)

Type of Gauge.

M.O.

Lie. John Clark

Annual Average 23.8 in. based on 24 years obs. unweighted. Period of average 1881 - 1915. Ref. S (new)
 25.43 - 35 = 1916 - 1950 P

File No. 1546

Diameter ...	5"		793	280							
Height ...	1' 0"				1						
Altitude ...	69'				51			15			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.21	1.77	1.27	1.84	.98	1.76	3.17	2.73	2.80	2.64	
February	1.54	1.16	1.46	1.31	1.73	1.63	1.52	1.84	0.56	1.46	
March	1.54	1.67	.64	1.48	.75	.96	2.67	1.03	1.67	.47	
April	3.68	.91	2.02	.72	.88	2.20	.69	1.32	2.77	1.14	
May	0.68	1.88	3.15	3.06	2.15	1.34	.78	2.48	6.67	.38	
June	1.96	1.46	2.18	1.79	1.02	2.13	2.07	1.29	2.06	2.90	
July	2.62	1.25	3.44	2.61	.42	4.65	5.35	2.57	2.63	2.71	
August	3.65	3.53	2.09	2.90	.46	5.24	4.05	3.69	1.23	7.39	
September	.48	1.08	1.76	2.11	1.59	4.25	.87	2.28	0.65	2.16	
October	.97	1.77	.86	5.18	3.61	2.96	1.53	2.08	2.97	1.94	
November	3.79	2.22	2.30	1.77	.64	1.71	1.38	.69	2.84	1.81	
December	3.18	1.99	2.18	4.70	5.11	2.80	3.08	1.65	1.28	1.45	
TOTALS ...	26.30	20.69	23.35	29.47	19.34	31.63	27.16	23.65	22.03	26.45	
	D	D	D	D	D	D	D	D	D	D	

4553 3m.spt. 21.4.53 S. McR. Patonwell. Gauge sometimes rendered at change Pt 1/4 Ht. 1/2 mile from stream gauge on grassy slope which may be occupied. Bank wall erect (25/4/53)

4555 9m.spt. 3.6. H. Currie g. satisfactory. Slope up to E. Partial cliff will make repair.

9.08 C.

III	87	98	124	81	133	Jun
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3. Bank wall and gauge 1953 9 moved to Chromey Rd. New works 1954. 15" for 1.49
 Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 28/355.5.7.

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

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