

RAINFALL AT Ochtertype [Stirling]

Lat. _____ Lon. _____ County of Perth

Rain Gauge, by _____ Observer Cap Dundas R.N.
Fork, Leik - 3.

Diameter					5							
Height					10							
Altitude					18							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	8.51	2.70	3.50	2.45	7.83	1.47	2.43	1.35	2.75	4.50		
February	0.75	0.48	0.75	5.18	11.69	.80	1.87	3.14	3.27	2.67		
March	2.65	3.08	0.00	0.84	3.47	2.59	3.52	4.98	1.13	1.83		
April	1.50	1.90	1.80	1.28	1.81	2.51	2.60	2.50	4.05	3.31		
May	2.61	1.52	4.68	1.75	2.69	.75	.51	2.41	2.50	3.42		
June	3.61	1.55	2.90	1.93	2.20	4.00	4.15	5.32	2.35	1.50		
July	3.88	1.65	1.92	5.09	2.10	5.40	3.49	1.55	1.30	.70		
August	3.62	4.60	5.62	2.41	2.48	7.27	2.37	5.23	4.89	1.05		
September....	4.91	5.00	4.86	2.12	.18	1.55	4.31	2.17	4.85	1.75		
October	2.50	5.28	4.53	2.84	3.78	3.37	3.65	2.79	4.38	2.30		
November....	7.35	3.50	4.19	2.32	3.10	6.43	1.10	3.25	5.90	5.38		
December	1.57	7.18	1.57	5.46	3.58	4.79	5.57	5.72	5.92	1.95		
TOTALS	43.46	38.44	36.32	33.67	45.01	40.93	35.57	40.41	43.29	30.36		

(4000)

Lineardine in Monteith Ch 2 1/2 miles N.W.

1899 Record 1.10 inches short. Estd. (4000) for Glasgow
Water VIII. 1913.

1890-1893 received from 170 Edinburgh November 1934 - late sp.

3509

RAINFALL AT Ochtertyre [Stirling]

Lat.

Lon.

County of Perth

Rain Gauge, by

Observer

Capt Dundas R.H.

Form 21A - 3.

Diameter ..	5										
Height	10										
Altitude ..	18	38	18								
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	6.46	2.56	3.62	7.16	4.17	1.68	5.39	2.31	4.21	4.59	4.215
February ..	3.74	.93	1.54	8.25	3.21	2.01	2.69	2.61	2.50	1.93	2.941
March ....	.97	2.26	1.90	8.55	1.94	4.10	3.38	3.60	4.23	2.49	3.342
April	2.50	3.36	1.31	1.12	4.91	1.93	1.22	2.00	1.20	3.90	2.345
May	2.92	1.74	1.95	1.72	3.53	1.86	4.52	4.08	2.25	3.59	2.816
June	3.98	3.05	2.32	2.32	2.16	.98	1.73	4.22	2.13	1.35	2.424
July	3.18	3.07	2.26	5.49	2.23	1.05	2.03	3.10	3.17	2.30	2.788
August	3.48	3.78	3.53	4.43	4.44	4.68	3.16	4.68	4.09	3.83	4.010
September ..	2.96	2.16	2.93	4.21	3.21	1.85	2.53	1.31	4.00	1.76	2.692
October	5.28	3.30	2.94	9.50	1.47	3.01	5.39	5.55	1.50	6.65	4.459
November ..	5.91	2.80	3.87	1.48	1.45	4.41	3.75	4.73	3.20	1.48	3.308
December ..	6.90	4.02	4.51	3.34	4.07	3.59	3.12	5.05	2.20	4.26	4.107
TOTALS ..	48.28	33.03	32.68	57.57	36.79	31.15	38.92	43.24	34.68	38.13	39.447

1900 Kincaidine in Menstrie Church 2 1/2 miles NW

1903 Stirling Station 4 " SE

~~1904 Croft~~ " ~~2 1/2~~ SE

1909 Doune Station 3 miles N.

RAINFALL at Ochertyre [Stirling]County of Perth Observer Mr. J. RichardsonRiver Basin Forth, Teith 3. Capt. Jas. Dundas (1911)Mr. H. Montgomery (1914)Rain Gauge, by Lenny (Edin.)S.D.W. Stewart Esq (1918)

Diameter ...	5										
Height	1 0								6		
Altitude ...	18 T				14						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.75	1.93	4.28	6.45	4.31	6.34		(2.00)	3.50		
February ...	4.04	5.17	3.39	4.14	4.59	4.08		.75	4.85		
March	2.56	1.90	4.93	3.35	4.14	3.25		2.12	.81		
April	4.43	1.92	1.02	4.03	3.09	2.32		1.47	.62		
May	1.65	2.11	2.01	4.35	2.02	1.59		2.82	2.40		
June	3.30	2.10	4.34	2.03	.89	1.31		3.97	.92		
July	4.33	2.70	3.56	1.05	3.49	4.28		1.53	3.12		
August	7.78	1.38	4.43	.35	2.14	3.07		5.43	2.68		
September ..	1.78	1.22	3.75	2.09	1.05	4.78		1.88	4.93		
October ...	1.81	2.81	4.25	2.34	2.39	2.19		5.00	5.40		
November ..	3.71	6.03	3.45	3.49	6.03	2.34		5.23	3.47		
December ...	3.49	6.50	7.35	4.03	8.17	5.05		2.70	3.95		
TOTALS ...	43.63	35.77	46.76	37.70	42.31	40.60	N.R.	(34.90)	36.45	N.R.	

1917 Jan est.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Stirling	4 1/2 mls.	W. (1912) 1914 S.S.W.	Kincardine 1914	2 3/4	W (1912) E.

RAINFALL at Ochagire
(Saring)

County of Perth Observer W. Col. J. C. Dundas D.S.O.

River Basin 3 - Forth - Teith

Shawdon Rain Gauge, by

Diameter	.....												5"
Height	.....												9"
Altitude	.....												14'
Year	.....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January	.....												3.70
February	.....												3.80
March	.....												2.40
April	.....												1.10
May	.....												1.57
June	.....												2.60
July	.....												4.26
August	.....												6.37
September	.....												3.75
October	.....												4.95
November	.....												3.82
December	.....												3.70
TOTALS	.....												42.01

Old record recommenced.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1930.			Saring	4 1/2 m	ESE	Kincardine	2 m	W

RAINFALL at Ochtertyre (Stirling)County of Perth Observer Dr. Col. J.C. Dundas, D.S.O.River Basin 3- Forth - TeithType of Gauge SnowdonAnnual Average 39.4 in. based on 26 years obs. yh-weighted. Period of average 1881-1915 Ref. 5Exempted x/37

Diameter	5.											
Height	0.9							1.0				
Altitude	14											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.10		2.81	5.45	1.38	5.23	4.77	7.30	3.35			
February	2.95		3.84	.49	3.67	2.26	3.97	1.16	4.68			
March	1.18		3.85	3.10	1.03	2.61	2.32	2.79	3.06			
April	2.46		1.38	4.07	3.46	1.11	1.76	.45	2.08			
May	4.30		2.22	2.14	.23	1.03	2.33	3.67	1.76			
June	5.10		1.08	2.35	6.70	1.81	.93	4.68	1.61			
July	4.58		1.97	3.26	.82	5.17	4.90	4.08	4.95			
August	1.93		2.21	2.54	1.38	2.44	3.70	2.80	1.96			
September	1.47		1.51	5.14	5.62	3.05	2.40	3.10	3.32			
October	2.07		2.50	5.35	7.56	3.94	3.41	7.68	2.91			
November	5.25		2.74	1.26	4.13	2.80	.74	6.88	7.92			
December	2.00		.54	6.29	2.58	6.51	2.59	3.94	1.93			
TOTALS	36.39	N.R.	25.65	41.44	39.16	37.96	33.82	48.53	39.53	N.R.		

1932 (Rain gauge put out of action on 30.12. Dec. in gale & little rain storm.)

Garden frames 3' high 4' N.W. Wire fence 5' high 9' N.

1932 Defective incl. 61A f. 11/55/32

1933 Record in good agreement with neighbouring stations.

1936 Wall 10' high, 20' N.N.E.

1937 Toning Pit 3' 0" high 6' N.N.W.

Wall 10' .. 20' N.N.E.

1940. N.R. Resuming 1941.

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.			Stirling	4 1/2 m	E.S.E.	Kincardine in	1 1/2 m.	W.
1937			Stirling	4 m	S.W.	Blair Drummond	2 m	N.W.

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

RAINFALL at Ochtertyre (Stirling) Station No. 5509 41
 County of Perth Observer Lt. Col. J. C. Dundas, D.S.O.
 River Basin 3-Forth-Teith
 Type of Gauge Standard H.O. 1942

Annual Average 27.4 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter	5 ⁰			293	271						
Height	1' 0"				1						
Altitude	14'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	700	6.79	4.88	2.66	5.48	5.64	7.55	3.66	2.57		
February	100	3.76	1.52	5.85	3.04	1.40	4.86	3.99	3.96		
March	3.39	2.12	.38	2.73	2.49	3.55	3.26	1.36	2.65		
April	3.65	1.65	2.94	1.89	.39	6.71	2.71	2.61	2.90		
May	3.26	5.89	2.38	4.79	1.63	4.26	1.87	1.67	1.30		
June	1.74	3.93	3.07	3.78	2.84	3.52	5.85	1.52	1.80		
July	1.77	.51	3.27	3.86	3.36	4.35	4.02	(1.88)	4.80		
August	4.75	6.48	2.70	1.88	3.95	0.00	8.43	(4.20)	4.58		
September	6.04	3.70	4.05	6.82	5.65	4.13	5.29	1.56	4.28		
October	3.85	6.65	4.21	5.16	.77	2.06	4.93	5.82	3.13		
November ....	.61	2.40	7.26	.39	6.10	4.59	2.47	3.45	2.89		
December	1.38	2.10	4.94	4.08	4.64	1.88	6.60	6.04	1.70		
TOTALS	N.R.	100 up	45.98 M.	41.60 M.	43.89 M.	40.34 M.	42.09 M.	57.90 M.	37.76 M.	41.53 M.	

1941 N.R. New gauge ordered Feb. 1942
 1942 up imp. Gauge moved 80 yds W 26/2/42.
 1943 Wall 12 ft high 15 yds. N.N.W.
 " 10 " " 20 " W.
 1944. Survey & Eng. App. R.O. Ed.

1942 Wall 12' high 30' N.N.W. and 10' high 40' W.

00604

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.
1942			Stirling	4 1/2 mi	SSE	Blair Drummond	2 1/2 mi	NW.

BRITISH RAINFALL ORGANIZATION

Station No. 5509

RAINFALL at Ochtertyre (Stirling)

51

County of Perth

Observer Lt. Col. J. C. Dundas, D.S.O.

River Basin Forth - Leith - 3

Type of Gauge No. 2543/48

Annual Average 39.4 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. 5

40.8¹¹

File No.

Diameter ...	5"			893271								
Height ...	1'0"			1								
Altitude ...	14'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.89	2.76	1.18	4.04	1.95	2.56	6.23	3.74	1.11	3.68		
February ...	3.19	0.75	.96	3.68	2.57	1.41	3.92	2.08	1.07	3.80		
March ...	2.74	3.21	1.75	2.87	1.85	2.14	3.86	1.21	2.39	2.09		
April ...	2.41	1.41	2.29	1.68	1.00	.67	1.67	1.60	3.20	3.38		
May ...	1.87	2.67	2.25	4.69	2.71	1.52	2.87	3.14	1.42	2.95		
June ...	1.77	2.81	2.05	2.59	1.69	3.22	1.73	2.77	1.54	1.80		
July ...	2.82	2.20	5.14	2.23	0.65	5.31	4.73	6.63	5.03	3.48		
August ...	5.28	5.56	3.09	3.92	1.50	6.00	4.12	4.80	1.22	3.84		
September ...	3.52	2.41	4.72	4.78	2.39	6.18	1.86	5.04	.81	2.97		
October ...	0.79	4.33	2.10	8.34	2.98	3.72	3.13	3.33	3.67	4.06		
November ...	5.67	1.89	6.19	6.88	2.11	0.85	1.37	1.69	4.59	4.94		
December ...	5.92	4.45	4.92	5.91	7.38	5.25	5.02	5.47	5.71	4.03		
TOTALS ...	39.87	34.45	36.64	51.61	28.78	39.09	40.51	41.40	31.76	41.02		
	M	M	M	M	M	M	M	M	M	M		

1951. Road 12 ft. high 15 yds N.W. Wall 10 ft high 20 yds W.
 ins. Sept 1957. 9.5 m - min at 1'3" in pipe with lip to 2 1/2" below min to be
 reduced. O/S by vegetation and tree b.w. (elev 35°) No better site.
 New taper measure ordered and pipe to be removed.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 26/751979

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Stirling	4 1/2 ml. NW	Blair Drummond	2 ml.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ but NR 16, 19	re-C 1930	✓ NR 1932, 40	but NR 41. NP 42	