

RAINFALL AT North Berwick Fidra Island

Lat. Lon. County of ...
 Rain Gauge, by ... Observer Bd. of Northern Lights

Inches - 6.

Diameter	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						1.55	.59	.75		.10	
February30	.29	2.40		.25	
March						1.03	.95	4.25		.70	
April43	.90	1.25		2.12	
May						2.35	2.25	1.02		.15	1.35
June45	.98	.32	1.95		.25
July90	.85	1.75	4.30		2.43
August						2.00	.55	1.30	1.14		4.63
September....						1.85	1.19	3.00	.62		.55
October						1.05	.65	1.45	.52		1.78
November....						1.25	1.50	3.90	3.90		.15
December....						.15	1.55	1.30	.06		.15
TOTALS						12.83	16.77	21.28	14.46		

RAINFALL AT North Berwick Fidra

Lat.

Len.

County of Haddington

Rain Gauge, by

Observer Board of Northern Lights

Inches - 6.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.21	.31	.15	.20	35	1.95	.66	1.08	.66	4.00	
February80	.00	1.42	2.17	2.78	.55	.76	.29	.52	1.40	
March	1.89	2.80		.52	.25	3.00	1.32	2.58	.50	.90	
April.....	.35	.45	.75	1.25	1.05	.85	.86	2.10	3.75		
May	1.50	1.13	1.56	1.30	3.25	.46	.67	.40	1.60	4.30	
June.....	3.52	.23	2.95	1.75	1.90	1.35	2.60	2.85	.95	.90	
July	2.30	2.47	.70	2.45	3.35	3.80	4.05	2.75	.60	3.60	
August.....	2.75	5.07	1.47	2.10	3.97	2.99	3.28	3.70	3.85	.40	
September....	.45	3.25	.75	1.14	.55	.65	3.35	2.23	1.10	1.40	
October.....	2.45	1.32	3.92	1.60	2.30	2.63	2.65	.95	5.10	2.80	
November....	3.64	1.50	1.05	1.00	1.40	1.21	1.10	1.60	2.35	1.40	
December....	2.14	3.93	.60	.86	1.15	1.82	4.70	2.03	.45	2.60	
TOTALS	22.36		15.84	22.50	21.46	25.00	20.82	19.78	27.45		

RAINFALL AT North Berwick Fidra

Lat.

Long.

County of Haddington

Rain Gauge, by

Observer Board of Northern Lights

Inches - 6.

Diameter	3									
Height	3.0									
Altitude										113
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EAN.
January ..	3.65	.50	.80	3.30	.80	.20	1.30	.10	2.70	.30	
February ..	3.40	1.10	.85	3.18	2.70	.40	.30	.20	.12	.90	
March	1.20	1.00	.90	.74	.95	1.30	.70	.30	2.27	3.00	
April.....	.47	.55	.85	.35	.75	.90	.40	.20	1.00	2.65	
May50	2.00	1.05	.60	3.15	.50	5.80	1.70	2.60	1.33	
June	1.90	.70	2.60	1.80	1.40		.20	2.30	.36	1.40	
July	2.80	.10	1.95	4.55	.90		.20	.70	2.00	2.25	
August	3.90	4.30	2.25	2.91	4.20	1.70	6.19	1.00	.80	1.95	
September ..	1.00	.45	4.20	2.79	1.60	.60	.10	.60	4.45	1.05	
October....	3.40	1.60	.24	5.75	.80	1.00	2.70	6.60	1.50	2.00	
November ..	4.70	2.95	.19	.80	.60	3.40	3.20	1.12	.35	.30	
December ..	2.60	2.45	3.30	.85	1.90	.40	.10	4.20	.20	2.65	
TOTALS ..	28.92	17.70	19.18	27.62	19.65		21.19	19.02	18.29	19.78	.

1906 not printed: too small

1907 " "

1909 " "

RAINFALL at North Berwick, Fidra

County of Haddington. Observer Bd. of Northern Lights.
River Basin Insular 6.

Rain Gauge, by _____

Diameter ...	3										
Height	3	0									
Altitude ...	113										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.EANS.
January ...	·65	1·10	·16	1·80	1·55	·40	1·20				
February ...	1·15	1·30	·21	·70	1·45	·90	1·20				
March	1·00	1·05	·36	1·75	1·45	·60	1·45				
April	2·10	·70	·02	1·15	·75	·75	·55				
May	1·35	·50	·14	2·60	1·60	1·15	1·15				
June	1·09	1·70	3·60	77	·75	1·70	·95				
July	2·60	90	1·60	·40	·80	2·10	1·20				
August.....	5·95	·19	4·85	1·15	·75	1·60	·95				
September ..	1·13	·17	1·10	1·70	·30	·80	·65				
October ...	3·40	·17	4·05	1·90	·55	·65					
November ..	2·65	1·29	·70	·90	1·45	·25					
December ...	1·43	·37	2·35	1·20	1·20	1·20	1·20				
TOTALS ...	24·50	9·44	19·14	16·02	12·60	12·10					

1911. Bad - not published.
 1912. — ditto — — —
 1913. — ditto — — —
 1914. — " — — —
 1915. — " — — —

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Fidra

County of Lipsey Haddington Observer Bd. of Northern Lights.
 River Basin 6. Inocular

Rain Gauge, by _____

Diameter ...	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
Height											
Altitude											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-29 MEANS.
January ...	48	3.12	1.95	7.6	1.05	1.63		1.51	2.87	.51	1.87
February ...	40	.32	1.71	1.47	3.2	2.72		7.3	.99	.68	.48
March	71	83	50		18	1.69		1.23	.88	.23	1.41
April.....	61	.12	21	12	.19	1.84		1.03	.62	1.20	.55
May	1.05	.38	.05	5.57	1.78	3.09		.82	.46	1.40	.65
June14	.11		.12	1.09	.19		2.23	3.52	1.17	1.02
July	1.65	.27	.17	2.07	1.93	.89		3.20	1.00	(2.24)	2.85
August	3.32	3.18	.16	1.20	1.56	1.50		4.95	3.80	4.23	2.82
September...	61	.58	.18	1.07	2.10	2.28		3.76	1.70	.23	2.11
October.....	.45	1.51	1.20	.97	1.06	.92		2.21	2.21	1.76	1.83
November...	.82	.72	.37	.89	.81	.92		1.19	2.32	2.69	2.144
December...	.87	.73	.24	1.02	2.45	2.30		2.77	1.40	1.68	1.14
TOTALS...	11.11	11.87	imp. 47	14.52	19.97			25.63	21.77	17.82	18.67

1920. Bad not printed

1921 Very bad do

1922 "

1923 ~~not~~ printed

1924 bad. n.d.

1925 N.P. still possibly low.
October 1926. S. in middle of garden in a level grassy plot
wall about 4 ft. high 40 ft. one side off.

S. Plot with toppling rod.

Dec. 1926 new 5 in. gauge

June 1927 reasonably well exposed but subject to spray ~~but~~ sold.1930. Year appears C.S. low. M.P. Edinburgh, however
request us to print as given 89/686 of 17/11.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

RAINFALL at Fidra.

County of Haddington

Observer Comis of N. lighthouses.

River Basin 6 - Grouse.

Type of Gauge

Annual Average 21.9 in. based on 22 years obs. unweighted. Period of average 1931-1951 Ref S

Diameter												
Height												
Altitude												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.68	1.16	1.15	1.71	1.63	2.76	1.56	1.79	(3.19)	.95		
February	1.40	.07	1.28	.18	1.58	1.75	2.59	.49	.80	.48		
March	.30	2.15	.78	1.76	1.15	2.10	1.48	.43	(1.45)	1.98		
April	.84	.63	1.28	1.35	2.93	.82	.73	.07	(6.5)	1.46		
May	2.44	2.10	1.24	.95	.80	1.27	2.97	3.45	(6.8)	1.49		
June	2.68	.75	(1.43)	1.68	1.98	.93	1.70	3.12	1.42	.34		
July	2.36	1.30	2.86	2.35	.53	3.18	2.97	3.00	(2.31)	2.05		
August	3.79	.20	.52	2.41	2.33	1.59	2.87	2.39	1.36	.62		
September	.63	1.34	.93	1.35	2.43	3.45	.87	2.63	1.10	1.88		
October	1.47	4.77	2.26	1.81	3.65	1.62	2.78	4.38	(2.28)	2.37		
November	3.53	1.47	.81	1.62	3.26	1.40	.23	2.88	(1.95)	2.71		
December	.30	3.03	1.09	3.69	1.49	1.11	3.08	1.23	.81	.52		
TOTALS	21.75	18.97	(16.62)	20.86	22.76	22.08	24.13	25.86	(18.00)	22.86		
	n.p.	n.p.								n.p.		

1933. Jan amended by surrounding trees.

1939 Jan., March, May, July + Oct. Nov. est'd.

n.p. too many est'd.

1940 n.p. low.

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		Parish Church.	Distance from gauge
				Direction	From gauge		

RAINFALL at Fidra Lighthouse

41

County of East Lothian

Observer Commr. of N. Lighthouses

River Basin 6 - Insular

Type of Gauge

Annual Average 21.0 in. based on 20 years obs. w/wt. Period of average 1881-1915 Ref. S.

File No.

Diameter			5	902	117				
Height			2' 0"			1			
Altitude			40'			41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949
January	1.31	1.91	2.35	1.20	1.31	0.96	(1.91)	3.26	1.54
February	1.43	1.17	1.02	1.42	1.56	.77	(1.02)	1.72	.51
March	1.27	1.11	1.11	1.41	1.64	1.91	(4.51)	1.47	.87
April	0.99	.92	.95	(1.96)	1.19	.49	1.88	1.30	1.28
May	1.53	1.02	2.97	1.05	4.20	(2.12)	(3.59)	.69	1.74
June	.78	.52	1.61	2.87	1.40	(2.10)	2.04	1.98	1.06
July	2.45	1.65	2.31	2.51	2.00	(2.88)	2.26	1.44	1.12
August	1.43	2.29	2.96	2.18	1.96	2.50	.08	5.32	1.65
September	.24	1.13	1.66	(3.55)	3.67	2.23	1.03	2.45	.49
October	1.00	1.50	1.66	(1.88)	2.48	.41	.90	2.04	2.51
November	1.33	(4.45)	.60	(4.06)	.37	3.19	1.79	1.69	.67
December	.13	.86	.72	1.06	1.31	1.69	1.70	.77	.33
TOTALS	13.89	13.53	19.12	(23.15)	22.09	21.25	22.71	23.13	13.77
	w.p. 6in.	w.p. 6in.	00024	04164	w.p. 6in.	03404	72004	w.p. 6in.	10.95 w.p. 6in.

1941. w.p. low.

00024

1942. w.p. low. low std from map.

04164

1944 Apr. Sept. Oct. Nov. part est.

1945 w.p. low. October 1946 gauge in order situated about 10' from mascot wall.

1946 May & June afternoons July part estd.

1947 Jan-May corr. for sunns. May part est.

1948 Nov-Dec. 1949 w.p. low.

1949 w.p. low.

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

Station No. 5109

RAINFALL at Fidra Lighthouse

51

County of East Lothian

Observer Comin's & N. Lightkeepers

River Basin 6 - Granular

Type of Gauge.

Annual Average 25 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " 22.34 " " 6 " within 1935-47. " " " 1916-50 " S
 File No.

Diameter ...	5"				902	117					
Height ...	2' 0"					1					
Altitude ...	40'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	0.78	1.14	0.87	1.25	1.09	1.38	1.79	0.74	0.56	2.42	
February	.99	.67	.65	1.26	1.18	1.01	1.75	1.15	.61	1.24	
March	1.14	1.27	.15	1.20	.89	.71	1.44	1.12	.29	.74	
April	.54	1.29	1.33	1.21	.77	.81	.83	1.10	1.30	.50	
May	.69	(1.83)	1.09	2.30	1.54	.41	.90	1.36	.24	.35	
June	.22	(1.50)	.59	1.51	.80	1.70	.76	1.51	1.64	.87	
July	.92	2.09	3.29	1.60	1.44	2.55	2.59	2.99	1.56	1.46	
August	2.32	1.49	1.10	3.20	.36	4.02	2.89	2.12	.20	2.47	
September	1.18	1.29	1.79	1.73	1.60	2.63	1.12	1.45	.55	1.12	
October	.15	.72	.66	4.80	1.19	.83	1.24	.64	.66	.97	
November	3.61	1.76	2.13	2.86	1.15	.48	.77	.63	1.73	1.96	
December	1.36	2.24	1.92	1.56	2.12	1.64	1.04	1.61	1.90	1.43	
TOTALS ...	13.90	17.29	15.57	24.18	14.13	18.17	18.12	16.02	11.24	15.53	
	M	n.p.	n.p.	M	M	imp.	imp.	imp.	imp.	n.p. Gals	n.p.

1951. n.p. low 0.004

1952 n.p. low

1953 n.p. low.

1954. rain

1955 low.

1956 n.p. low.

1957 n.p. low.

1958 n.p. low.

1959 n.p. low.

1960 n.p. low.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 36/513822.

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
		np 11-15 T 1916 —	c 1920 imp. 22.428 nr 26	Imp. 39.460 —	np 44-45, 45-50	Imp. 44-45, 45-50