

RAINFALL AT *North Berwick Fidsa Island*

Lat.

Lon.

County of *Haddington*

Rain Gauge, by

Observer *Bd. of Northern Lights*

Insular - 6.

Diameter												
Height												
Altitude												
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January							1.55	.59	.75	.10		
February ....							.30	.29	2.40	.25		
March							1.03	.95	4.25	.70		
April .....							.43	.90	1.25	2.12		
May						[#] 2.35	2.25	1.02	.15	1.35		
June .....						.45	.98	.32	1.95	.25		
July .....						.90	.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	.05	.15		
TOTALS							12.83	16.77	21.28	14.46		

RAINFALL AT *North Berwick Fidra*

Lat. _____

Lon. _____

County of *Haddington*

Rain Gauge, by _____

Observer *Board of Northern Lights*

Inular - 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	
February ....	.80	.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	2.35	.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	25.99	20.82	19.78	27.45	

RAINFALL AT *North Berwick Fidsra*

Lat.

Lon.

County of *Haddington*

Rain Gauge, by

Observer *Board of Northern Lights*

Inquirer - G.

Diameter ..	...	3									
Height ....	...	3.0									
Altitude ..	...							113			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
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	
May .....	.50	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	.30	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	.50	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, FidsraCounty of Haddington. Observer Bd. of Northern Lights.River Basin Insular 4.

Rain Gauge, by _____

Diameter ...	3										
Height	3 0										
Altitude ...	113										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
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	.90	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					
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 Yps Haddington Observer Bd. of Northern Lights
River Basin 6. Insular

River Basin 6. Insular

Rain Gauge, by

Diameter ...								5"			
Height											
Altitude ...											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	.48	3.12	1.95	.76	1.05	1.63		1.51	2.87	.51	1.37
February ...	.40	.32	1.71	1.47	.32	2.72		.73	.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	.55	1.78	3.09		.82	.46	1.40	.65
June .....	.14	.11		.42	1.09	.19		2.23	3.52	1.17	1.02
July	1.65	.27	.17	.25	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	.15	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	2.49	2.44
December...	.87	.73	.24	1.02	2.45	2.30		2.77	1.40	1.68	1.14
TOTALS...	11.11	11.87	imp	4	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. p.

1925 N P at

1923 N.Y. still possibly low
B. - 1926. B. in middle

well about 4 ft. high 40 ft. on each side of.

Is. float with wavy line red.
1924 No. 15. small.

Dec. 1926 new 5 m. gauge.
June 1927 reasonably well exposed but subject to spray. Col. Gold

1930. Year appears c. 5° low. M.O. Edinburgh, however
request us to print as given 80/686 of 11/7/31.

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

[illegible]

RAINFALL at FidraCounty of HaddingtonObserver Com'ro of N. Lighthouse.River Basin 6- Insular

Type of Gauge.....

Annual Average 21.2 in. based on 20 years obs. un-weighted. Period of average..... 1891-1940 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	.63	2.76	1.56	1.79	(3.19)	.95	
February	1.40	.07	1.28	.18	1.58	1.78	2.59	.49	.80	.48	
March .....	.30	2.15	.78	1.76	1.15	2.10	1.78	.43	(1.45)	1.98	
April .....	.84	.63	1.28	1.35	2.93	.82	.73	.07	(.65)	1.46	
May	2.77	2.10	1.24	.95	.80	1.27	2.97	3.45	(.68)	1.49	
June	2.68	.75	(1.43)	1.68	1.98	.92	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	2.25	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	
	<u>M.</u>			<u>Lowest</u>					<u>n.p.</u>	<u>n.p.</u>	

1933. June amended by corresponding obs.

1939 Jan., Nov., - May & July & Oct. Nov. not'd

n.p. too many casts.

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	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

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

Station No. 5109

RAINFALL at Fida Lighthouse

41

County of East Lothian

Observer Comdr. of N. Lighthouses

River Basin 6 - Insular

Type of Gauge

Annual Average 21.0 in. based on 20 years obs. α -weighted. 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	1950	Means
January	1.31	1.91	2.35	1.20	1.31	0.96	(1.91)	3.26	1.54	0.20	
February	1.43	.17	1.02	.42	1.56	.77	(1.02)	1.72	.51	.79	
March	1.27	1.11	1.11	.41	.64	1.91	(4.51)	.47	.87	.45	
April	0.99	.92	.75	(1.36)	1.19	.49	1.88	1.30	1.28	.46	
May	1.53	1.02	2.37	1.05	4.20	(2.12)	(3.59)	.69	1.74	.39	
June	.78	.52	1.61	2.87	1.40	(2.10)	2.04	1.98	1.06	.43	
July	2.45	1.65	2.31	2.51	2.00	(2.88)	2.26	1.44	1.12	2.35	
August	1.43	2.29	2.96	2.18	1.96	2.50	.08	5.32	1.65	.65	
September	.24	1.13	1.66	(3.55)	3.67	2.23	1.03	2.45	.49	2.17	
October	1.00	1.50	1.66	(1.88)	2.48	.41	.90	2.04	2.51	.38	
November	1.33	(.45)	.60	(4.06)	.37	3.19	1.79	1.69	.67	1.52	
December	.13	.86	.72	1.06	1.31	1.69	1.70	.77	.33	.86	
TOTALS	13.89	13.53	11.12	(23.15)	22.09	21.25	22.71	23.13	13.77	10.95	

1941. n.p. low.

1942. n.p. low. low est'd from map.

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

1945 n.p. low. October 1946 gauge in order situated about 10' from nearest wall.

1946 May & June affortuned July part est'd.

1947. Jan-Mar corr. for sun. May part est.

1948 n.p. low. 1949 n.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	Direction from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 5109

RAINFALL at Idra Light House

51

County of East LothianObserver Gavin & N. LightmanRiver Basin G - Gannoch

Type of Gauge

Annual Average 21 in. based on 28 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	2.49	1.86	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	2.36	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	16.42	11.24	15.53		
	M	n.p.	n.p.	M	M	n.p.	n.p.	n.p.	n.p.	n.p.		

1951. n.p. low
 1952 n.p. low
 1953 n.p. low.
 1954. Fair
 1955 low.
 1958 n.p. low.
 1959 n.p. low.
 1960 n.p. low.

02004

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 36/512822

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
	n.p. 11-15 T.M.	C.M. 20 imp. 22+23 n.p. 24	Apr 34; 39+40	✓ n.p. 42, 43, 44-50	20-21