

RAINFALL at East Fortune SanatoriumCounty of Haddington Observer W. S. Morgan, Clerk of WorksRiver Basin 5. Firth of ForthSnowdon Rain Gauge, by _____

Diameter ...						5"					
Height						1' 4"					
Altitude ...						101' 13"					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...							2.27	1.41	2.66	.63	2.07
February ...							1.96	.78	1.59	.76	1.43
March58	1.62	1.40	.22	2.00
April.....							1.52	.99	.56	1.86	1.00
May							2.45	1.72	1.24	1.52	1.01
June							2.78	2.60	4.49	1.86	1.36
July						1.44	3.69	3.06	2.17	2.34	3.68
August						2.33	1.79	6.21	4.16	4.31	5.69
September...						4.23	4.58	6.02	2.30	.14	3.72
October.....						1.23	3.48	2.37	2.58	2.00	1.92
November...						1.08	2.61	1.98	2.40	2.85	2.83
December... <u>from Kinner, Haddington</u>						2.74	.27	2.86	1.40	2.14	.96
TOTALS...						-	27.98	31.62	26.95	20.13	27.67

1925. No register until 9th June.
 Wooden hut. 12 ft. high. 36 ft. N
 Stevenson screen. 4 ft. 6 in. 12. " N.N.E.

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	Direction	Parish Church.	Distance from gauge	Direction
1925	56° 0' 26" 43' 15"	W.	E. Fortune	1/2 m.	E.	Athelstanford.	1 1/4 m.	S.S.W.

RAINFALL at East Fortune SanatoriumCounty of HaddingtonObserver The Clerk of Works.River Basin 5 - Firth of ForthType of Gauge StandardAnnual Average 22.5 in. based on 2 years obs. un-weighted. Period of average 1931-1935 Ref 5

Diameter	5"										
Height	1' 4"										
Altitude	101'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.03	1.41	.96	1.14	.90	3.40	2.50	2.19	4.77	.91	
February	1.55	.39	1.78	.01	.78	3.06	2.62	.53	.94	.91	
March	1.09	2.64	.53	3.71	.98	1.90	3.41	.19	2.16	2.79	
April	2.01	1.37	1.78	3.69	3.05	.93	.59	.02	1.12	1.88	
May	3.03	2.69	.68	1.30	1.01	1.16	2.58	2.87	.85	1.33	
June	3.94	1.10	.99	2.28	2.40	1.37	1.25	3.47	2.04	.27	
July	3.38	2.12	2.50	3.13	1.01	3.36	3.35	2.52	2.34	7.79	
August	4.71	.45	.72	2.42	2.73	1.91	2.82	2.51	1.37	.66	
September	1.73	1.25	1.40	1.37	1.95	3.58	.88	2.86	1.27	2.49	
October	1.67	5.55	2.26	2.38	5.49	1.30	3.83	4.60	2.99	3.34	
November	2.79	1.29	1.49	3.00	3.32	2.09	.23	2.95	2.01	3.36	
December	.38	2.11	1.78	3.32	1.21	1.42	4.82	2.13	.78	1.43	
TOTALS	28.31	22.37	16.87	27.75	24.53	25.43	28.88	26.84	22.64	27.16	
	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	

Wooden hut 12' high 36' N.
 Stevenson screen 4'6" - 12' N.

Inspected. 1934:- Site very good. Gauge and measure both in good order. No fault to be found with equipment of site. Gauge on grass lawn in front of low building which does not shelter it.

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
1931.			E. Fortune	1/2 m	E.	Athelstaneford	1/4 m	S.W.
1934			E. Fortune	1/2 m	E.			

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

Station No. 5105

RAINFALL at East Fortune Sanatorium Hospital 41

County of East Lothian Observer The Clerk of Works

River Basin 5 - Firth of Forth

Type of Gauge Snowdon

Annual Average 23.5 in. based on 2 years obs. not-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"				901	812					
Height	1' 4"					1					
Altitude	101'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.28	3.25	1.03	0.99	4.35	1.29	1.94	4.28	1.48	0.92	
February	2.60	.62	.73	.97	1.56	1.16	1.56	1.35	.51	2.00	
March	2.41	.67	1.04	.27	.71	2.32	3.42	.31	1.13	2.32	
April	0.86	1.18	.82	1.44	1.23	.30	1.98	1.48	1.02	1.79	
May	2.13	1.12	3.37	1.07	4.18	2.44	2.72	1.24	1.96	1.58	
June	1.03	.72	1.88	1.82	1.72	2.02	1.94	2.89	1.04	2.31	
July	2.45	2.31	2.40	2.23	1.86	2.88	1.51	1.19	1.77	2.82	
August	2.32	1.72	2.90	2.76	3.16	3.33	.19	9.60	2.55	1.40	
September	.64	1.52	1.25	3.50	2.97	3.25	.99	2.65	1.03	4.05	
October	2.77	1.17	2.35	1.87	2.68	.65	1.09	2.59	5.49	1.67	
November	1.83	.44	.57	4.58	.50	3.81	2.22	1.93	3.51	3.75	
December	.50	.77	.81	1.62	1.68	1.81	1.93	1.15	2.53	1.96	
TOTALS	21.82	15.49	19.15	23.12	26.60	25.26	21.49	30.66	24.02	26.47	234.08

1948 Small leak found at top edge of funnel, repaired in Sept. n.p. low.
 1948. Gauge leaking but repaired after reading on 26.1.48.

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. 5105

RAINFALL at East Fortune, Hosiery

51

County of East Lothian

Observer

Superintendent of Works

River Basin 5 - Fife & Forth

Type of Gauge Swardon

Annual Average 23.5 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. 5
 " " 24.90 " " 30 " " within 1926-58. " " " 1916-50 " S.
 File No.

Diameter ...	5"			901	812						
Height ...	1' 4"				1					1' 2"	
Altitude ...	401'				51					on map	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.84	1.11	0.64	2.24	1.70	1.91	1.90	0.81	0.73	3.12	
February ...	2.19	.57	.71	1.24	1.63	2.25	2.62	1.587	.24	1.51	
March ...	2.87	1.24	.24	.86	1.18	.85	1.81	2.09	.33	.96	
April ...	2.50	1.63	2.13	1.13	.62	.65	1.11	2.29	1.63	.51	
May ...	3.36	2.04	2.15	4.23	1.76	.64	1.05	1.98	.42	.93	
June ...	1.87	2.33	1.22	2.13	.82	2.19	.93	3.18	1.96	.65	
July ...	3.20	1.65	3.51	2.17	1.92	3.77	3.79	4.77	1.80	2.12	
August ...	4.08	2.51	1.90	4.80	.55	6.53	5.53	2.72	.29	3.49	
September ...	0.45	2.07	2.47	2.43	1.07	3.13	1.46	2.24	.54	1.70	
October27	1.09	1.01	5.13	1.12	1.28	1.22	.73	1.35	4.01	
November ...	3.86	2.61	2.19	1.83	.90	.64	1.39	.95	3.92	2.15	
December ...	1.15	2.24	2.30	1.54	3.89	1.79	1.94	3.45	2.90	2.08	
TOTALS ...	28.64	21.09	20.47	29.78	17.16	25.63	24.75	26.78	16.14	23.53	
	D	d	d	d	d	d	D	D	D	D	

Ins. 12.8.60 J. Shaw. B. fairly good. Exp. sat. Time to NW elev 30 (Lopped & standard ht. 17.10.60). Telephone poles NW elev 32 1/2° NE 31°

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NT(36) 552793

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
		C imp. 1925 ✓ 26-30.	✓ ✓ but 23.34, 36.33	✓ n.p. imp 44 ✓ but d +1	