

RAINFALL at Pentland Hills, Morton

County of Midlothian

Observer Messrs. Leslie & Reid C.E.

River Basin Almond & - 5

Rain Gauge, by Casella

Diameter ...		5									
Height		10									
Altitude ...		749									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	S/M/S MEANS 1916-19
January	2.22	2.45	2.73	2.12	4.66	2.19	2.81	3.43	13.09		
February	2.17	2.25	3.07	4.03	6.16	1.09	4.48	1.72	13.45		
March	2.76	4.94	4.26	2.21	6.19	2.08	1.06	2.46	11.79		
April	1.14	3.11	1.81	2.28	4.20	3.24	.96	3.30	11.70		
May	1.24	2.01	2.44	1.74	5.22	1.58	2.90	.88	10.58		
June	5.20	2.54	1.27	2.03	3.17	2.64	.95	2.41	9.17		
July	2.61	1.06	2.90	4.83	4.30	2.34	3.22	1.31	11.17		
August	3.71	1.27	2.20	2.98	5.15	6.68	2.35	2.70	16.88		
September	2.04	2.29	1.14	2.36	1.83	2.39	5.26	3.82	13.30		
October ...	5.70	2.68	1.76	1.88	6.07	4.51	5.42	2.66	18.66		
November...	3.05	3.45	4.64	1.83	4.61	4.58	2.48	5.58	17.25		
December...	5.66	3.04	5.38	5.98	4.84	3.09	3.45	6.01	16.89		
TOTALS ...	37.50	31.09	33.60	34.27	55.90	36.41	35.34	36.28	163.93		

RAINFALL at Pentland Hills (Colinton).

County of Midlothian. Observer Miss Leslie Reid, G.E.S.

River Basin 5 Almond &c.

Rain Gauge, by Bassella.

Diameter ...	5										1930 MEAN.	
Height	1.0											SVHS
Altitude ...	749											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January ...	5.15	7.12	3.38	3.12	3.09	3.44	4.09	3.70	7.03	1.10	5.22	46.44
February ...	4.40	0.92	2.68	3.28	1.87	4.24	3.63	1.59	3.68	1.12	1.68	27.09
March	2.85	4.31	2.65	1.71	1.94	3.22	2.80	3.05	2.28	1.49	1.68	26.98
April.....	2.27	1.22	2.58	3.77	1.91	4.99	2.14	2.44	1.32	1.81	.96	26.41
May	3.98	2.01	2.45	2.51	4.62	5.15	3.47	1.91	1.81	2.20	1.77	31.88
June	1.66	1.43	2.29	1.48	2.70	1.41	4.62	3.75	4.51	2.87	2.28	26.50
July	4.02	2.88	5.01	3.24	4.09	2.20	3.08	3.65	2.59	3.21	4.86	32.33
August	7.78	6.12	2.12	5.14	4.19	3.19	2.39	6.62	5.30	5.05	5.42	52.32
September...	1.89	2.45	2.23	3.63	4.08	4.37	3.93	9.68	3.38	.70	4.09	40.43
October.....	1.02	4.44	2.24	4.83	3.60	2.88	4.57	4.00	5.01	4.81	4.65	41.10
November...	2.81	1.51	2.00	4.14	1.82	1.18	5.14	2.91	3.99	5.32	4.70	35.52
December...	3.19	6.25	4.18	2.99	5.34	3.77	1.19	2.28	3.77	6.08	2.28	41.32
TOTALS...	43.02	38.66	33.81	39.34	37.30	39.04	41.05	45.58	44.67	33.76	38.09	434.32
	0	3	0	P	+	0	0	0	0	0	0	0

Site inspected by St. Classopole 17.9.29.

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

Reference No. _____

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

RAINFALL at Portland Holes (morton)County of MiddlesexObserver George Leslie Reid, C.E.

River Basin, S-Almond &c

Edinburgh Water Engineer (1937)

Type of Gauge

Annual Average 57.4 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref. Summary
computed xi/26.

Diameter	5"											SUMS Means
Height	1' 0"											
Altitude	749'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.42	5.82	4.03	4.17	1.70	4.33	3.76	4.73	5.51	1.60	38.07	
February	2.67	3.14	2.61	2.20	3.20	3.76	4.92	1.14	3.24	1.56	23.64	
March	1.42	2.40	1.53	3.76	1.45	2.37	2.01	2.13	4.56	3.46	25.08	
April	2.30	0.52	2.22	5.21	3.38	1.28	1.32	2.21	1.74	2.45	23.63	
May	3.17	3.63	2.02	1.57	1.86	1.91	2.23	4.11	1.52	2.34	21.36	
June	5.40	1.35	3.04	2.92	2.26	1.90	1.85	4.06	1.98	1.76	25.52	
July	4.54	2.05	4.95	2.89	1.09	4.82	4.82	3.43	3.76	6.96	38.84	
August	4.41	1.14	1.58	3.81	2.03	2.11	4.89	2.13	1.42	1.15	24.17	
September	1.58	3.83	1.55	2.64	4.12	3.07	3.49	2.86	1.80	3.62	28.56	
October	2.88	6.84	2.90	5.07	7.03	2.81	4.08	8.05	2.14	3.75	44.55	
November	5.64	2.90	1.59	1.70	5.23	3.53	4.45	6.41	4.98	4.89	37.32	
December	2.84	7.55	1.08	4.40	1.58	3.39	2.28	2.37	2.31	3.64	31.44	
TOTALS	39.30	40.37	29.10	37.83	33.93	34.28	35.60	41.63	33.96	36.18	362.18	
	D.											

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	Parish Church.	Distance from gauge

Station No.

5127

RAINFALL at Pentland Hills (Morton)

41

County of Midlothian

Observer Edinburgh Water Engineer

River Basin S-Almond & C.

Measr J & A Leslie & Reid

Type of Gauge

Annual Average 37.4 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref Survey

File No.

Diameter	5"			898	453						
Height	1' 0"					1					
Altitude	749'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1943-53 Means
January	2.10	4.30	3.46	3.79	3.34	3.04	3.53	7.32	3.56	2.20	36.64
February	4.15	1.50	2.75	1.47	5.12	1.98	1.81	3.69	3.39	4.19	30.05
March	2.82	2.20	1.98	.65	2.17	2.46	6.31	2.40	1.10	2.88	24.97
April	1.90	2.02	1.40	2.38	1.74	.88	4.20	2.75	2.40	3.32	22.99
May	6.14	2.12	3.94	3.02	4.58	2.38	3.30	1.77	2.23	2.09	31.57
June	1.16	1.25	2.45	3.02	2.55	2.27	2.76	5.69	.99	2.05	24.19
July	3.51	3.06	2.33	2.10	3.44	4.32	3.20	3.79	1.92	4.36	32.03
August	4.07	3.19	4.44	3.47	3.31	4.43	.05	7.55	5.23	3.51	39.25
September	1.01	3.69	3.25	4.91	5.48	5.57	2.23	3.66	2.96	4.05	39.81
October	3.32	4.11	5.17	4.30	4.51	1.09	1.69	2.49	5.10	3.10	34.88
November	2.29	.84	1.50	7.06	.56	4.94	4.92	3.01	3.94	4.92	33.98
December	1.92	2.94	1.65	3.82	2.76	3.20	2.82	4.22	6.64	2.03	32.00
TOTALS	34.39	31.22	34.32	39.99	39.56	36.56	36.82	48.34	39.46	41.70	382.36
	D	D	D	D	D	D	D	D	D	D	

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

BRITISH RAINFALL ORGANIZATION

Station No. 5127

RAINFALL at Pentland Hills (monton)

51

County of Midlothian

Observer Messrs J & A Leslie & Reid

River Basin 5 a.mond & C

T. Arthur Esq., 1954.

Type of Gauge Snowdon

Annual Average 37.45 in. based on 21 years obs. f.a.-weighted. Period of average 1881-1915 Ref Survey
 " " 38.45 " " 40 " " within 1916-55 " " 1916-50
 File No. S.

Diameter ...	5"				898	753	X				
Height ...	1' 0"						1				
Altitude ...	749'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.39	3.83	1.07	3.85	2.64	1.90	5.41	2.71	1.17	2.85	
February	3.40	.72	1.36	2.24	1.99	2.23	3.46	2.16	1.10	3.21	
March	4.27	1.75	.63	2.52	1.63	2.22	2.76	1.31	1.41	1.41	
April	3.55	1.94	3.45	1.56	1.04	.65	1.60	1.87	2.33	1.74	
May	3.26	1.73	2.58	5.28	3.12	1.67	1.96	3.04	1.66	1.48	
June	1.77	3.06	1.37	2.38	1.50	2.78	2.31	2.91	2.36	1.26	
July	3.07	2.88	5.05	2.58	2.21	5.07	4.57	5.60	3.41	2.72	
August	5.61	3.55	2.58	6.81	1.77	6.91	5.14	4.38	.88	4.05	
September	2.08	2.56	3.07	4.16	2.50	3.94	2.25	4.83	.77	1.99	
October	0.97	2.64	1.91	7.43	2.17	2.68	3.49	2.02	3.18	4.15	
November	6.19	3.32	5.65	5.18	1.17	1.19	2.25	1.67	6.79	3.83	
December	4.54	3.65	2.88	5.05	6.27	4.84	5.19	5.72	4.18	4.58	
TOTALS ...	43.10	31.63	31.45	49.04	28.01	35.68	40.39	38.36	24.24	33.37	
	D	D	D	D	D	D	D	D	D	D	

1954. g. moved to new site (remained all night) alt const of 600 ft.

In Dec 1956. g. sound. Bank is SW about 1' above g. lip and 8' away; level beyond.
Rattler exposed to east.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 36/074632

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1912	✓	✓	/	
		- Ld D 14-19	✓	✓ Ld d 39+40	✓	

Station No. 5127

RAINFALL at Pentland Hills (Morton)

51

County of Midlothian

Observer Nease, J. A. Leslie & Price

River Basin 5-Almond &c.

~~This Arthur ^{scr} book is for school~~

Type of Gauge.

Digitized by srujanika@gmail.com

Annual Average 37.4 in. based on 1 years obs. un-weighted. Period of average

Ref

File No. ~~R956~~ 8846

1954 Yaage visited at end of October 1954 (after inspection)

Referred again 7-12-36. Found site though a little open to east & fishing as one recommended in Oct. 1934 - to be the site more suitable.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Ref. 24/024-L22

Position of Station on Ordnance One-Inch map:			No. of Map.....	National Grid Reference 56104632			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.

Summary of Earlier Records from 19-mm Shells

Summary of Earlier Records from 10-year Sheets :						
		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 19-2	✓	✓	✓	