

## Rainfall at Swanston

S. W. 50

midlothian.

Almond &amp; C - 5.

YEAR --				1856	1857	1858	MEANS.
January - -				287	1.90	2.60	
February - -				270	.90	1.43	
March - - -				.09	2.50	1.42	
April - - -				290	2.50	1.04	
May - - -				465	1.90	2.80	
June - - -				430	4.00	1.70	
July - - -				220	1.80	4.03	
August - - -				485	2.60	2.25	
September -				710	5.90	2.80	
October - -				100	2.10	6.60	
November -				140	5.70	2.03	
December -				450	5.00	2.00	
TOTALS -				3876	33.60	31.50	

678 Col Phil Jour  
61 - 11-31

## Swanston

Midstorian.

Alex. Ramsay

+ Ground 0.0 + S.L. 555

Almonds &amp;c - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					1.80	2.80	4.25		5.80	2.85	
February - -					2.80	1.50	5.00		3.95	3.90	
March - - -					4.00	1.10	2.40		2.95	.95	
April - - - -					1.32	.30	2.70		4.50	1.40	
May - - - -					2.14	5.32	1.50		1.62	2.60	
June - - - -					1.50	.50	1.25		.90	2.20	
July - - - -					2.20	3.50	5.40		4.2	1.17	
August - - -					.70	4.00	3.50		3.63	1.20	
September -					3.50	.70	3.00		4.33	5.05	
October - -					11.40	5.70	1.40		2.70	2.10	
November -					2.75	3.10	3.00		2.58	2.05	
December -					2.90	2.10	3.60		4.85	2.80	
TOTALS -					37.01	30.70	37.00		39.65	28.27	

✓ C C C C C

Monthly

## RAINFALL AT Colinton Swamston

Lat..... Lon..... County of Edinburgh  
 Rain Gauge, by..... Observer W H Cameron Esq C.E.  
 Almond re - 5.

Diameter	-	-									
Height	.6	.								.	
Altitude	555	.							550	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.85	2.50	4.60	3.50	1.70	8.60	1.50	7.55	3.10	1.00	3.090
February.....	3.70	2.45	2.50	1.70	1.20	2.60	3.70	2.75	1.20	2.60	2.380
March.....	1.10	1.60	3.80	2.05	1.90	1.40	5.00	2.30	1.00	3.50	2.365
April.....	1.60	4.10	2.30	1.40	2.50	1.90	3.50	3.70	1.20	2.80	2.220
May.....	1.50	1.98	4.80	2.70	1.80	1.30	1.20	3.00	3.60	2.00	2.288
June.....	3.30	2.70	3.10	1.00	1.90	2.50	3.30	2.70	2.20	6.50	2.920
July.....	1.80	3.80	3.60	2.90	2.50	4.30	1.50	5.60	7.75	8.00	3.845
August.....	1.20	2.80	3.40	4.40	4.60	1.80	3.00	8.90	5.50	3.40	3.900
September.....	1.98	3.40	5.50	4.00	2.50	3.80	5.00	1.40	4.10	1.30	3.298
October.....	2.07	2.40	3.90	5.50	3.10	2.80	3.00	3.40	2.95	1.70	3.082
November.....	1.36	5.50	4.70	2.80	3.90	4.50	4.00	3.10	3.75	2.00	3.561
December.....	2.10	2.50	2.20	2.60	3.90	2.90	6.80	2.00	3.40	1.80	3.020
TOTALS.....	22.56	34.73	44.10	33.53	31.50	31.80	41.50	46.60	32.75	36.60	33.599

C C C

Penllyn and Hills  
RAINFALL AT Swaunton

Lat.

Lon.

County of Edinburgh

Rain Gauge, by

Observer W. H. Cameron, Esq.

Altitude +c -5.

Diameter ....		11									
Height ....		0 6									
Altitude ....		530									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January.....	1.30	1.20	3.00	3.70	3.50	2.25	3.60	1.20	2.00	1.40	
February....	2.20	2.20	2.25	1.80	1.10	2.75	1.50	1.60	1.60	1.70	
March.....	2.10	2.00	1.60	1.80	2.20	2.00	3.00	2.00	4.00	1.50	
April.....	4.50	4.40	2.25	1.80	1.75	2.50	1.90	1.50	2.00	3.10	
May.....	1.90	2.30	3.15	1.25	1.51	3.40	5.50	2.40	1.10	2.80	
June.....	2.00	1.60	3.00	2.30	1.10	1.00	1.70	.50	2.90	2.80	
July.....	3.30	2.30	3.80	1.75	1.10	2.90	2.50	6.50	5.20		
August.....	6.62	3.60	2.50	1.75	1.10	1.20	2.20	2.20	5.80		
September...	3.50	3.75	4.00	2.70	1.00	3.20	3.10	4.50	.75	1.20	
October....	3.20	2.10	1.60	2.50	1.50	2.60	4.90	2.20	1.60	4.50	
November...	4.10	3.00	2.80	3.20	1.00	1.30	2.20	4.00	5.50	1.00	
December....	3.50	2.25	3.10	1.60	4.00	1.70	2.90	1.60	1.40	2.30	
TOTALS .....		30.72	33.55	28.95		24.90	34.40	26.20	31.55	33.30	

## RAINFALL AT Pentland Hills Swanston

Lat.

Lon.

County of Edinburgh

Rain Gauge, by

Observer

W Anderson Esq

Almond &amp; C - 5.

Diameter .....	11									
Height .....	0 6									
Altitude .....	550									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	MEANS.
January .....	5.10	1.10	2.50		2.73	2.38	1.06	.64	.75	4.05
February .....	1.00	.50	3.50		8.78	1.10	.88	1.49	.73	1.65
March .....	2.40	5.30	2.50		2.60	4.18	2.27	2.95	.86	2.40
April .....	.50	1.00	2.40		1.70	1.67	1.06	1.33	2.32	3.33
May .....	1.00	2.40	4.00		3.94	1.06	.41	1.57	1.70	4.15
June .....	3.60	2.00	5.40		2.80	2.43	3.82	3.83	1.74	1.78
July .....	3.00	3.30	2.00		2.50	5.12	4.48	1.84	1.30	4.30
August .....	4.50	8.10	8.20		4.88	5.43	1.48	3.10	3.40	.65
September .....	2.90	9.30	3.20		.60	.80	4.76	1.96	2.02	3.37
October .....	3.00	4.50	7.40		2.90	3.68	4.32	1.42	3.76	1.88
November .....	5.20	3.40	3.10		2.00	3.45	.53	2.12	3.64	3.52
December .....	2.10	9.50	2.20		2.87	3.10	3.54	2.88	2.13	1.60
TOTALS .....	34.30	50.40	46.40		38.30	34.40	28.61	25.13	24.35	32.68

# RAINFALL AT Pentland Hills Swanston

Lat.

Lon.

County of Edinburgh

Rain Gauge, by

Observer W. Anderson Esq

Almond &amp;c - 5.

Messrs Leslie &amp; Reid B.C. (9)

Diameter ..	11										
Height ....	0 6										
Altitude ..	550										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.RANS.
January ..	3.23		.60	3.55	2.30	.83	4.52	.94	3.34	3.68	
February ..	2.08	1.18	.75	5.10	2.28	1.75	1.44	1.14	1.14	1.40	
March ....	1.23	1.85	.90	5.25	1.10	4.08	2.40	1.79	3.50	6.30	
April .....	1.72	1.45	1.15	1.12	1.30	1.78	1.01	1.08	2.28	2.50	
May .....	1.85	2.80	3.05	1.90	3.55	1.20	5.34	2.78	2.35	2.00	
June .....	3.85	2.30	2.65	1.55	2.75	.59	1.83	2.88	1.35	2.10	
July .....	3.36	1.40	2.45	3.97	1.95	2.53	1.38	2.75	4.02	3.53	
August .....	5.33	4.10	1.40	2.78	5.03	3.10	6.83	3.70	2.15	1.84	
September ..	2.56	1.30	1.52	2.05	1.62	1.70	.70	1.49	2.32	2.83	
October .....	4.58	1.55	1.72	6.58	1.19	2.05	6.58	9.60	1.25	5.05	
November ..	5.53	3.00	1.08	1.50	1.25	3.83	4.22	1.47	1.45	1.10	
December ..	5.03		1.80	1.63	3.35	1.63	1.12	4.25	.61	3.36	
TOTALS ..	40.35		19.07	36.98	27.68	25.07	37.37	33.87	25.74	35.69	

1901 Record imperfect

## RAINFALL at Pentland Hills, Swanston

Daily 9.

County of Midlothian  
Almondre 5  
River Basin Lake 1F

Observer Messrs. Leslie &amp; Reid C.E.

Rain Gauge, by \_\_\_\_\_

Diameter ...				5							
Height .....				0 6							
Altitude ...				550?							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			2.05	2.91	2.69	1.40	2.70	2.54	2.91	2.51	
February ...			1.76	1.30	2.77	2.54	4.49	.77	2.49	1.65	
March .....			2.41	4.11	3.58	1.51	4.38	1.79	.63	2.07	
April .....			2.1	2.68	1.48	1.60	2.76	2.28	.90	2.66	
May .....			1.38	1.62	1.99	1.59	4.08	1.81	3.04	.70	
June.....			4.80	1.86	1.30	1.67	2.73	2.13	.52	1.57	
July .....			2.23	.47	2.69	3.41	6.30	1.54	3.81	.64	
August.....			4.63	1.58	1.73	4.00	3.89	4.48	1.65	1.43	
September ..			2.94	2.38	.79	3.16	1.47	1.35	4.58	2.38	
October ...			2.71	2.29	1.65	1.88	4.58	3.36	3.13	2.66	
November..			1.95	2.42	3.13	1.10	3.67	2.55	1.54	5.16	
December...			4.16	1.84	4.36	4.69	3.27	2.11	1.70	3.38	
TOTALS ...			31.23	25.46	28.16	28.55	43.22	26.71	26.90	26.81	

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

## RAINFALL at Pentland Hills, Swanston Monthly.

County of Midlothian Observer Messrs. Leslie & Reid G.S.  
 River Basin ~~Firth of Forth~~ Est. 4 ft  
~~Pentland Hills~~ Almond &c 5 ft  
 Rain Gauge, by

Diameter ...	11										
Height .....	0 6										
Altitude ...	550?										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.26	.98	2.10	2.90	2.56	1.53	3.30	2.75	3.00	2.80	2518
February ...	3.29	2.50	2.15	1.70	2.55	2.48	5.00	1.00	3.40	1.90	2597
March .....	1.39	1.38	2.30	4.30	3.80	1.80	5.18	1.90	.80	2.30	2515
April .....	3.93	1.82	.25	2.60	1.38	1.60	3.25	2.38	.90	3.18	2129
May .....	1.84	1.24	1.55	1.70	2.08	1.62	4.71	1.95	3.10	.92	2071
June .....	1.22	2.52	4.90	1.90	1.30	1.80	2.60	2.05	.65	1.70	2064
July .....	3.98	1.01	2.15	.58	2.55	3.41	5.58	1.62	4.02	.64	2554
August .....	4.50	1.48	4.70	1.62	1.55	4.10	4.25	4.75	1.75	1.60	3030
September ..	.70	1.62	3.45	2.50	.75	3.16	1.82	1.40	4.60	2.80	2280
October ...	2.91	3.21	2.85	2.20	1.63	2.10	5.01	3.20	3.45	2.60	2916
November ..	2.87	5.24	1.90	2.28	2.99	1.20	4.09	2.27	2.00	5.20	3004
December ...	1.60	3.04	4.00	1.70	4.54	5.62	3.75	2.60	2.25	3.60	3270
TOTALS ...	31.49	26.04	32.30	25.98	27.68	30.42	48.54	27.87	29.92	29.24	30.91+8

1915 See Small monthly gauge - figures identical

1916

17

18

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

## RAINFALL at Pentland Hills, Swanston (Small monthly g.)

County of Midlothian  
approx 5  
River Basin Esk - 14

Observer Messrs. Leslie & Reid C.E.

Rain Gauge, by \_\_\_\_\_

Diameter ...			4								
Height .....			0 6								
Altitude ...			550?								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.RANS.
January ...			2.20	2.80		1.53	3.30	2.75	3.00	2.80	
February ...			2.20	1.70		2.48	5.00	1.00	3.40	1.90	
March .....			2.27	4.18		1.80	5.18	1.90	.80	2.30	
April .....			.31	2.48		1.60	3.25	2.38	.90	3.18	
May .....			1.40	1.60		1.62	4.71	1.95	3.10	.92	
June.....			5.00	1.85		1.80	2.60	2.05	.65	1.70	
July .....			2.30	.52		3.41	5.58	1.62	4.02	.64	
August.....			4.60	1.50		4.10	4.25	4.75	1.75	1.60	
September ..			3.25	2.25		3.16	1.82	1.40	4.60	2.80	
October ...			2.90	2.10		2.10	5.01	3.20	3.45	2.60	
November..			1.85	2.28		1.20	4.09	2.27	2.00	3.20	
December...			4.25	1.80		5.62	3.75	2.60	2.25	3.60	
TOTALS ...			32.53	25.06		30.42	48.54	27.87	29.92	29.24	

1915 See other monthly gauge — rainfall identical — not printed separately

1916 " " "

1917 " " "

1918 " " "

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

RAINFALL at Pentland Hills (Swanston)County of MiddlethiaObserver Wm. Leslie & Read, C.E.River Basin Marine - 5

Rain Gauge, by \_\_\_\_\_

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
Height .....	0.6											
Altitude ...	530											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January	2.66	4.92	2.35	1.84	2.67	3.38	3.62					
February	2.53	.61	2.61	3.35	.72	4.68	3.25					
March	2.39	2.80	1.89	1.26	1.00	2.54	1.76					
April	2.06	.82	1.76	2.53	1.43	4.27	1.77					
May	2.40	1.89	1.04	2.13	4.85	5.01	3.24					
June	1.05	.43	2.19	1.27	2.38	.54	3.26					
July	3.96	2.66	4.13	3.45	4.68	1.67	3.06					
August	3.63	4.97	1.55	4.68	2.59	3.49	2.78					
September	1.34	2.04	2.24	1.65	3.34	4.51	3.87					
October	1.06	4.18	1.83	2.36	3.66	2.43	3.70					
November	2.25	1.30	1.61	3.45	1.05	.65	3.88					
December	2.09	3.42	3.58	2.94	4.36	4.35	.69					
TOTALS	28.82	30.04	26.78	30.93	32.73	37.52	34.98					
	0	0	0	0	0	0	0					

1927 The Daily Gauge discontinued

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_

Reference No. \_\_\_\_\_

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

RAINFALL at Liverpool.County of Merseyside,Observer Mrs Leslie & Reid,River Basin Almond &c - 5

Rain Gauge, by \_\_\_\_\_

Monthly.

Diameter	3½										newg. 5"
Height	—										
Altitude	550										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January	3.00	5.20	2.55	1.80	2.60	3.38	4.30	2.85	5.92	.79	3.20
February	2.70	.67	3.03	3.80	.78	4.70	3.15	1.40	2.70	.88	.51
March	2.80	2.92	1.98	1.35	1.18	3.36	1.76	2.10	2.52	.30	2.45
April	2.30	.98	1.75	2.60	1.64	4.00	1.75	2.01	1.20	.83	1.07
May	2.60	1.90	1.12	2.03	5.11	5.01	3.45	1.18	1.61	1.95	1.21
June	1.40	.51	2.30	1.35	2.48	.61	3.22	3.60	5.40	2.91	1.65
July	2.35	2.70	4.08	3.50	4.62	1.74	2.80	2.09	2.75	.285	4.14
August	3.80	5.10	1.75	4.73	2.42	3.70	3.02	7.05	4.70	3.80	5.15
September	1.60	2.20	2.10	2.00	3.58	4.58	3.90	9.02	1.95	.40	5.05
October	1.20	4.00	2.28	2.39	3.42	2.50	3.64	3.10	3.33	3.25	3.15
November	2.46	1.31	1.55	3.64	1.25	.82	3.92	1.50	3.05	4.10	4.85
December	3.00	3.28	3.35	2.85	4.10	4.80	.75	1.48	1.95	4.45	1.85
TOTALS	32.26	30.86	27.84	32.06	33.48	39.20	35.66	37.38	37.08	26.48	33.78
	M	M	M	M	M					M	

1920. Fig. one repetition of 11 inch g.

Site inspected by  
Dr. Glasopole 17.9.29.

1921 ditto

1923. no printed chart g.

1924. N.P. - rain gauge.

1925. N.P. check g.

1926. " "

Position of Station on reduced Ordnance Survey }				No. of Map			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge

RAINFALL at Portland Hills (Lancaster). M.County of Middlesex. Observer Wm. Leslie Radcliffe, C.E.River Basin 5 Almond T.C.

Rain Gauge, by \_\_\_\_\_

Markley

Diameter ...	11										
Height .....	0.6										
Altitude ...	532										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.00	5.20					4.30	2.85	5.92		
February ...	2.70	6.7					3.15	1.40	2.70		
March .....	2.80	2.92					1.76	2.10	2.52		
April.....	2.30	4.8					1.75	2.01	1.20		
May .....	2.60	1.90					3.45	1.18	1.61		
June .....	1.45	5.1					3.22	3.60	5.40		
July .....	2.95	2.70					2.80	2.09	2.75		
August .....	5.80	5.10					3.02	7.05	4.70		
September...	1.60	2.20					3.90	9.02	1.95		
October.....	1.20	4.09					3.64	3.10	3.33		
November...	2.46	1.31					3.92	1.50	3.05		
December...	3.00	3.28					1.75	1.48	1.95		
TOTALS...	32.26	30.86					35.66	37.38	37.08	NR.	
	11.										

1926. not printed, check gauge.

1927. " " "

1928. " " "

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	Parish Church.	Distance from gauge	Direction

## RAINFALL at Pendland Hills (Swinton).

County of Midlothian

Observer Messrs Sealey Reid, G.E.

River Basin, S. Almond &amp;c.

Edinburgh Water Engineers (1937)

Type of Gauge Smawdon.

Annual Average 31.6 in. based on 20 years obs. year-weighted. Period of average 1881-1915 Ref Survey  
Bompton x1/36

Diameter	5"	11"?	11 1/4"									
Height	0' 6"											
Altitude	550'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.15	3.95	2.50	2.70	1.12	3.98	2.91	4.23	4.85	(1.00)		
February	1.75	2.25	1.35	1.05	1.95	3.10	2.65	1.05	2.25	1.02		
March	1.25	2.65	1.20	2.65	1.05	2.95	2.55	.75	3.10	(3.00)		
April	2.10	2.70	2.18	4.68	3.25	1.15	1.25	1.14	1.55	2.70		
May	2.95	3.65	1.70	1.45	1.92	1.85	3.05	3.50	.86	1.87		
June	4.10	1.25	1.95	2.83	2.35	1.65	1.25	3.45	1.55	.48		
July	3.55	2.55	5.20	2.64	1.65	4.10	4.95	2.60	2.65	7.14		
August	5.70	1.65	.95	3.65	3.00	1.27	4.04	1.60	1.03	.60		
September	2.00	2.65	2.55	1.85	3.55	2.27	1.75	2.85	1.30	3.30		
October	1.55	5.95	2.40	3.80	6.65	1.68	4.25	5.30	1.85	2.60		
November	4.97	1.75	1.45	1.53	4.54	2.56	.42	5.65	4.30	3.76		
December	1.45	5.25	1.90	3.75	1.30	2.01	3.07	2.20	1.25	2.65		
TOTALS	33.52	33.25	25.33	31.48	30.33	27.57	33.14	33.32	26.04	(30.11)		
	M	M	M	M	M	M	M	M	M	M		

1936. Filler House 550 ft. high 200° E.

1940. Jan. &amp; March est. &amp; Dec part est.

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
1936			Codlinion	2 1/4 mi.	N.	Codlinion	2 1/4 mi. N.

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

Station No. 5133

## RAINFALL at Pentland Hills (Swanston)

41

County of Midlothian

Observer Edinburgh Water Engineer

River Basin Almond &amp; C - S.

Type of Gauge Swanston Bradford

Annual Average 31.6 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref Survey

File No.

Diameter	5 <u>1 1/4</u>	Height	10"	Altitude	645' 550'	900	70				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.94	(3.50)	2.33	1.93	2.92	1.93	2.40	5.42	2.08	1.10	
February	2.40	1.16	1.60	1.65	3.08	1.00	(1.59)	2.35	1.40	3.20	
March	2.43	1.40	1.65	1.26	1.18	1.12	4.55	1.30	.50	2.52	
April	1.30	1.58	1.21	2.10	1.11	1.38	3.48	1.05	1.32	2.45	
May	2.75	1.42	(3.50)	2.47	4.15	1.91	2.72	1.83	2.20	1.95	
June	.68	.75	1.72	2.47	1.27	1.55	2.39	3.67	1.05	1.20	
July	2.40	2.42	1.90	2.51	2.45	2.84	2.93	2.95	2.19	2.69	
August	2.30	2.55	3.63	3.20	3.85	3.89	.20	7.90	2.10	2.90	
September	.69	3.10	1.47	5.35	2.35	3.71	1.58	1.45	1.83	5.02	
October	2.40	2.75	3.43	2.64	3.80	.69	1.03	.90	4.70	2.38	
November	1.75	.40	.90	5.90	.11	3.71	3.25	2.05	3.55	3.68	
December	1.00	1.83	1.08	2.45	1.95	2.39	2.11	2.63	4.55	1.55	
TOTALS	21.04?	22.86	24.12	31.93	27.72	25.12	28.23?	33.50	27.47	30.64	
	np.	np.	np.	np.	np.	np.	np.	np.	np.	np.	

Inspected on April 17<sup>th</sup> 1942. Pentland Hills rise immediately to south, nearest point, Shere Knowe 916' being 550 yds. S.W. of gauge.

Gauge, which is a 5 inch Bradford head in small raised enclosure on fairly level ground. Ht above M.S.L. 645' 1941 np low. Filter House 200 yds E.

1942. np low. (see adj). 1943. may be by 1943 gauge out of order; np low. 1944 np low.

Note from Edin. 1943 Site is best available. Fairly level ground on golf course. Observers method slightly suspect but we have been unable to confirm suspicion.

1945 n.p. low. Inspection by Mr Castle (11/45) - gauge sound & site unchanged since last inspection

1950 N.P. low. Measurements doubted. 1956. Infrequent still likely. 1967 Feb adj for snow

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	Parish Church.	Distance from gauge
1941			Colinton	2 1/4 mi	N.	Colinton	2 1/4 mi N.
				4000 4	0200 4		2000 4

1948. Engineer advised readings are taken correct and that the gauge is not leaking, but no guarantee that gauge is in such position (1186-90) (WL 42325-4272) 2/40 T.S. 700 15 ft off pedestal with wire tie to tree. Site to be inspected N.W. Edinburgh, N.P. low.

1949 n.p. low.

BRITISH RAINFALL ORGANIZATION

Station No. 5133

## RAINFALL at Pentland Holes (Swanson)

51

County of Midlothian

Observer Edinburgh Water Engineer,

River Basin 5 - Almond &amp; C.

Type of Gauge Bradford

Annual Average 31.6 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. Survey  
 " " 31.00 " " 10 " " 1916-50 S.  
 File No.

Diameter ...	5"				900	70					
Height ...	1' 0"						1				
Altitude ...	645'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.48	2.30	0.58	(3.52)	1.26	1.05	3.60	1.50	0.50	2.03	
February	2.20	.38	(.80)	1.55	1.15	1.50	2.55	(2.25)	-100	1.80	
March	2.88	1.03	.37	1.61	1.15	1.10	.43	2.00	.50	1.20	
April	2.45	1.23	2.05	1.38	.40	.60	.52	1.60	1.70	-100	
May	3.20	1.48	1.25	4.35	2.13	.80	1.53	1.80	.30	1.30	
June	1.58	1.10	(1.68)	2.15	.75	2.15	(1.40)	(3.80)	1.70	1.10	
July	3.75	1.38	3.30	1.68	.96	5.03	4.70	6.70	2.34	-100	
August	(5.25)	3.90	1.93	4.53	.93	(6.00)	2.50	2.60	(30)	-100	
September	0.98	1.53	3.00	2.95	1.27	3.93	.90	(2.40)	-100		
October	.55	1.38	1.40	5.90	1.38	(2.57)	1.90	1.05	-100		
November	4.45	2.05	3.29	3.25	.68	(1.25)	1.75	1.10	-100	-100	
December	2.39	3.03	3.45	2.65	4.15	2.75	2.77	4.90	2.85	3.00	
TOTALS ...	32.11	20.79	23.10	35.30	16.20	28.23	24.88	31.70	-100 N.P.	-100	
	M	n.p.	M.	M	N.P.	M.P.	n.p.	21.00	N.P. inc.	n.p. inc.	
	1962 n.p. low		21.00	4.0004		002.64	01.004	21.04	002.04		
	1963. Print.										
	1955 N.P. low.										
	1956 low										
	1958 up low.										
	1960 n.p. inc.										
	002.04										

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference NT(36) 235.672

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
		c1912	T 1926	c1931	n.p. 41-46, 48-50	
		- 63 D 14-19	/	-	-	