

# RAINFALL AT Glencorse

From, *Journal of Hydrology* by Nathaniel Beardmore, p. 300-1

Observer

Rain { By .....  
 Gauge } Diameter.....in. Height above Ground, .....ft. ....in. Above Mean Sea Level .....ft.

YEAR.....	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January.....	89	96	78	6.05	2.07	6.24	2.81	2.39	3.88	
February.....	3.92	1.75	4.31	2.31	3.52	1.99	3.22	1.92	3.45	
March.....	5.29	2.13	3.40	3.69	4.08	7.32	3.10	3.12	3.72	
April.....	2.04	1.53	2.75	1.31	1.13	2.11	3.07	3.01	.57	
May .....	82	2.00	1.30	1.15	3.14	6.3	1.54	3.93	1.47	
June .....	2.08	4.43	6.18	2.15	1.66	4.15	2.43	5.55	4.40	
July .....	2.98	1.62	3.22	5.13	2.29	7.85	6.22	3.00	4.30	
August .....	3.93	6.55	1.91	1.85	2.64	2.73	5.12	4.33	3.06	
September.....	2.45	1.51	2.13	5.29	7.48	3.88	2.74	4.84	3.88	
October.....	3.76	7.83	2.31	3.17	4.85	2.73	5.50	3.46	2.90	
November.....	3.20	1.83	3.10	2.92	3.59	4.73	2.46	3.20	3.13	
December.....	2.00	3.67	8.28	2.70	2.66	4.72	3.40	1.70	2.10	
TOTALS ....	31.36	35.71	39.68	37.72	39.11	49.08	41.61	40.45	36.86	

RAINFALL AT Pencorse

Midlothian

423

From Manual of Hydrology by Nathaniel Bascom, p. 300-1

Observer

Rain { By.....  
 Gauge } Diameter.....in. Height above Ground,.....ft.....in. Above Mean Sea Level .....

YEAR.....	1840	1841	1842	1843	1844	1845	1846			MEANS.
January.....	6.20	2.11	1.32	3.51	2.54	3.29	2.75			
February.....	2.58	1.18	1.89	2.05	3.04	1.33	3.24			
March.....	65	1.95	4.31	.99	3.82	2.08	2.75			
April.....	35	1.86	-	2.66	.81	1.51	2.91			
May.....	4.35	1.74	2.12	3.61	.71	2.94	2.42			
June.....	3.11	2.54	1.76	2.17	3.88	4.37	4.54			
July.....	5.45	4.41	1.85	4.34	2.51	1.54	5.59			
August.....	2.50	5.50	1.86	2.44	1.26	5.38	5.30			
September.....	4.23	3.25	2.73	1.35	2.99	4.83	1.99			
October.....	2.26	6.65	1.56	5.23	1.78	8.01	3.84			
November.....	3.89	2.68	2.05	4.05	5.59	1.90	2.08			
December.....	1.13	4.65	4.22	.94	.20	4.43	1.02			
TOTALS ....	36.70	38.52	25.67	33.34	30.13	43.61	38.43			

Glencorse Cottage  
Garden

Main Gauge + 6 in. off + Sea Level 7.30 ft.  
Date - 14.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	M E A N S .
January - -						3.17	2.75	1.56	5.7	6.44	
February - -						1.01	2.64	1.56	6.33	1.53	
March - - -						1.94	3.38	1.02	4.38	1.41	
April - - -						1.20	2.93	2.39	1.93	2.10	
May - - - -						3.37	2.42	4.60	1.05	2.26	
June - - - -						4.41	4.54	1.98	4.27	1.84	
July - - - -						3.08	5.76	1.21	2.44	3.35	
August - - -						5.43	5.30	1.07	2.77	2.73	
September - -						4.85	1.99	2.39	1.58	1.76	
October - -						4.64	5.27	2.04	5.34	3.25	
November - -						2.90	2.25	4.99	4.10	2.69	
December - -						4.53	1.02	5.09	1.02	1.77	
TOTALS - -						32.53	40.25	29.90	36.58	31.13	

1848 January? gauge leaky & ? leaky S C

W. St. Cameron Esq gives Oct. 1845 as 8.01 and the total as 42.88  
6.87 10.47

5 is from Leslie p 10-39 he calls it glencorse

Mess<sup>r</sup>s Leslie assert that the observations commenced on Jan 1st 1846. The figures for 1845 are evidently the same record as that entered on the preceding sheet.

Rainfall at Glencorse Cottage  
Garden

S. W. 50

metres above . . .

+ Sea Level 730 ft

Rate - 4.

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --	1.79	6.49	6.97	4.50	4.50	1.95	3.05	3.00	2.65	4.00	5.816
February --	6.51	2.72	5.34	2.20	2.55	2.50	2.85	1.55	1.10	2.45	2.977
March --	.69	5.74	.85	.75	2.00	1.80	.10	2.40	1.60	5.00	2.093
April --	1.43	4.04	4.0	2.55	2.50	1.15	3.55	2.60	1.25	3.65	2.143
May -----	3.98	1.00	2.65	1.10	3.00	2.35	3.65	2.10	2.95	1.10	2.353
June -----	1.49	3.00	2.96	5.20	5.90	3.15	5.15	5.35	1.70	1.65	3.635
July -----	2.66	3.26	2.35	4.15	2.50	4.00	2.15	1.55	4.00	3.15	2.776
August --	3.33	4.47	5.50	3.50	2.40	4.30	4.65	2.20	1.75	1.40	3.350
September -	2.13	4.15	3.50	2.00	1.40	.75	7.45	6.30	2.25	2.15	3.285
October --	2.59	3.03	4.80	5.86	2.80	4.20	1.35	2.15	4.70	4.00	3.547
November -	5.02	1.96	4.00	1.75	4.40	1.90	1.40	3.80	1.55	3.25	2.883
December -	3.37	1.58	9.95	2.60	4.30	1.75	5.20	3.25	3.45	2.60	5.705
TOTALS -	34.99	42.24	49.42	36.95	37.25	29.80	40.55	36.25	28.25	33.90	46.740
	4.9.22	37.01	36.76				40.80	36.20	27.65	33.40	36.807

Corrections sent by W. H. Cameron Esq C. B. Oct 1874

0 to 6 = Lester 10.43

7 to 9 - 11.17

RAINEY  
Glencairn Reservoir Cottage.  
E. WW. midday.

Alex. Ramsay

0 0  
+ ground 6 in 61 + Sea Level 689 feet 61  
book-4.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.80	2.30	3.15	7.00	2.20	3.65	4.28	6.00	5.90	3.50	4.278
February - -	2.85	2.75	2.05	2.60	3.10	1.75	4.60	2.90	6.00	4.80	3.330
March - -	3.50	3.50	4.60	1.00	4.05	1.55	1.80	1.90	3.90	1.50	2.730
April - -	.85	2.25	2.05	3.45	.90	.40	2.20	3.85	4.65	2.00	2.260
May - - -	1.05	.85	3.40	2.15	1.90	6.05	2.00	2.80	2.60	2.95	2.575
June - - -	3.90	2.65	3.30	3.85	1.45	4.40	1.25	2.00	1.20	1.15	2.165
July - - -	1.25	4.20	3.80	.65	2.20	3.40	4.80	7.55	.55	.95	2.935
August - -	1.90	4.00	6.00	4.25	.65	4.50	3.75	1.90	5.80	1.25	3.400
September -	1.05	4.50	2.10	4.80	3.60	.70	3.65	2.45	4.60	5.70	3.315
October -	3.45	1.80	6.25	3.15	9.90	6.55	1.50	2.45	2.90	2.35	4.030
November -	2.10	8.00	2.00	2.80	3.20	2.95	3.55	.80	3.05	2.70	3.085
December -	3.00	1.30	4.40	3.60	2.65	2.70	5.15	2.55	5.30	3.55	3.420
TOTALS -	29.70	38.10	43.10	39.30	35.80	34.60	38.53	37.35	46.45	32.40	37.525

29.60

✓

Corrections sent by W. F. Cameron Esq C. E. Oct. 1874

## RAINFALL AT Glencorse Cottage

Lat.....

Long..... County of Edinburgh.....

Rain Gauge, by.....

Observer W.H. Cameron Esq. C.E.

Book - 4.

Diameter .....												
Height .....	6											
Altitude .....	787											
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.40	2.70	5.50	4.85	3.45	5.70	2.60	9.50	4.50	1.70	4.290	
February.....	4.05	2.90	2.60	1.40	1.20	1.00	4.00	3.20	1.40	2.05	2.380	
March.....	2.25	1.85	4.60	1.50	2.20	1.60	6.10	2.45	1.20	4.00	2.775	
April.....	- 75	4.60	3.35	1.40	2.75	1.15	2.95	4.00	1.75	6.20	2.490	
May.....	1.60	1.70	5.20	2.50	2.00	1.60	1.60	3.20	3.90	3.30	2.560	
June.....	3.25	2.35	3.35	1.05	1.50	2.75	3.40	3.40	2.35	2.15	2.535	
July.....	1.95	3.10	3.85	3.85	2.55	3.85	2.25	6.20	.50	11.00	3.910	
August.....	1.65	2.65	3.75	4.50	6.60	2.50	4.35	9.60	6.90	4.00	4.650	
September.....	2.50	3.05	5.80	3.25	3.20	4.50	4.25	2.05	4.40	2.15	3.465	
October.....	3.50	2.55	5.55	6.10	5.15	3.40	3.55	3.75	3.75	1.85	3.915	
November.....	1.40	4.70	5.75	4.20	3.70	5.75	4.20	3.80	3.80	3.85	4.115	
December.....	2.40	3.20	2.90	2.90	1.55	2.90	5.75	3.00	3.80	2.70	3.110	
TOTALS.....	27.70	34.35	51.70	36.50	35.85	36.70	45.00	54.15	38.25	44.95	40.575	

## RAINFALL AT Pentland Hills, Glencorse

Lat.

Long.

County of Edinburgh

Rain Gauge, by

Observer T. &amp; Cameron Esq.

Book - 14.

Diameter .....	11										
Height .....	6										
Altitude .....	787										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	1.85	2.75	3.60	4.65	6.10	2.65	6.10	2.10	2.00	1.85	3.355
February .....	3.20	3.55	2.50	2.05	2.35	4.20	2.08	2.45	3.50	3.05	2.893
March .....	2.70	4.50	5.25	2.65	2.55	2.30	4.00	2.75	6.90	1.30	3.490
April .....	4.97	.80	3.75	1.50	1.40	3.10	2.80	1.65	2.70	3.55	2.622
May .....	2.25	3.40	2.40	1.65	3.20	3.80	5.90	3.48	1.60	2.40	3.008
June .....	2.50	2.85	4.83	2.43	.65	7.75	1.70	.50	3.35	1.30	2.086
July .....	3.90	4.10	3.75	4.20	5.60	1.00	3.23	3.30	7.20	5.60	4.188
August .....	1.10	7.10	1.80	3.50	1.55	3.10	1.60	2.65	2.50	6.45	3.185
September .....	4.23	4.25	2.95	3.75	3.60	4.45	4.35	5.65	1.35	1.40	3.598
October .....	4.50	2.70	3.25	3.65	2.20	3.05	5.80	3.20	2.63	4.55	3.558
November .....	6.25	3.85	3.30	4.10	2.75	2.05	3.65	5.08	7.65	.85	3.953
December .....	5.60	2.50	4.20	2.26	5.01	3.25	3.65	2.00	1.98	2.75	3.324
TOTALS .....	43.15	42.35	41.58	36.28	36.91	33.70	44.86	34.81	43.36	35.05	39.210

## RAINFALL AT Pentland Hills Glencorse Reservoir

Lat.

Lon.

County of

Edinburgh

Rain Gauge, by

Observer

W Anderson Esq

Book - 14.

Diameter .....	11										
Height .....	0.6										
Altitude .....	789										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	6.10	2.60	1.26	1.25	3.70	2.45	1.45	1.60	1.40	5.55	2.756
February .....	1.05	.60	3.90	3.85	9.50	1.10	1.00	2.40	2.40	2.15	2.795
March .....	2.80	4.70	1.60	1.30	3.10	6.90	3.10	4.05	2.20	3.15	3.290
April.....	1.40	.80	1.75	1.70	1.70	2.35	1.85	2.00	2.35	4.20	2.010
May .....	2.60	3.05	3.50	2.30	4.65	1.20	.75	2.20	2.00	4.60	2.655
June.....	3.60	1.00	3.90	4.85	2.10	2.45	4.50	4.45	2.50	1.60	3.095
July .....	4.45	3.11	1.75	3.70	1.70	5.20	5.00	2.70	1.35	4.55	3.351
August .....	5.10	6.96	5.60	4.05	4.90	5.60	1.50	3.70	4.00	.60	4.201
September....	2.40	7.60	2.75	2.10	.70	1.00	5.80	2.70	2.70	2.80	3.055
October.....	3.30	3.46	5.50	3.20	2.95	4.30	6.70	1.50	4.50	4.60	4.001
November....	8.33	2.57	2.30	2.20	2.50	4.10	1.60	3.10	5.90	4.20	3.680
December....	3.30	7.46	1.82	3.70	2.90	3.65	5.10	4.80	4.90	2.70	4.023
TOTALS .....	44.43	43.91	35.63	34.20	40.40	40.30	38.35	35.20	36.20	40.70	38.932

1856-

## RAINFALL AT Genthland Hills Glencorse Res.

= Glenlodge

Lat.

Lon.

County of Edinburgh

Rain Gauge, by

Observer W. Anderson Esq.

Book - 4.

Mason. Leslie &amp; Reid Co. (01)

Diameter ..	11							5		
Height ..	0 6							1 3		
Altitude ..	787							786		
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
										MEANS.
January ..	4.50	2.30	1.40	5.93	3.35	1.22	5.19	1.56	5.59	4.90
February ..	5.10	1.45	1.06	6.30	3.69	1.80	1.92	2.34	1.73	2.40
March ..	2.00	3.37	2.13	6.58	1.79	4.37	3.60	2.62	4.81	7.15
April ..	2.40	2.52	1.67	1.49	3.21	2.39	1.33	1.69	2.23	3.15
May ..	2.00	3.14	3.59	2.93	4.74	1.41	5.87	3.65	2.85	2.13
June ..	3.60	2.51	3.94	1.98	3.28	1.07	2.31	3.94	1.54	2.91
July ..	3.15	1.03	2.76	4.83	2.34	2.28	1.78	3.11	4.60	4.36
August ..	4.90	5.45	1.72	4.11	5.71	4.05	6.94	4.42	1.95	2.48
September ..	3.80	1.63	2.47	2.73	1.73	3.00	1.85	1.61	4.53	2.94
October ..	4.85	2.62	2.67	8.37	1.66	2.60	9.03	10.43	1.36	5.79
November ..	6.15	4.04	1.07	2.65	1.77	3.13	5.56	2.01	2.33	1.15
December ..	7.05	3.97	3.67	2.09	3.79	2.09	1.51	5.43	1.26	4.39
TOTALS ..	49.50	34.03	28.15	49.99	37.06	29.41	45.89	42.81	34.78	43.75
										39.53
										654

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RAINFALL at Pentland Hills, = Glen Cottage Res. Daily 9

County of Midlothian Observer Messrs. Leslie & Reid Esq.

River Basin Firth of Forth Pt. bank trib. 3

Rain Gauge, by

Diameter ...	5												
Height .....	1 3	1	0	1	2								
Altitude ...	787	787	739										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SUMS.	916.4
January ...	3.86	1.88	2.35	2.70	2.96	2.06	4.80	3.01	2.80	3.59	3001	1420	
February ...	3.99	3.59	2.74	2.05	2.71	3.05	5.99	7.76	4.24	2.19	3131	1318	
March .....	1.61	2.47	3.35	5.14	4.33	2.12	4.25	2.10	1.02	2.86	2925	10.28	
April .....	4.83	2.55	1.40	2.77	2.00	2.06	5.25	3.41	.93	3.71	2791	13.30	
May .....	2.20	1.48	1.85	2.00	2.74	1.78	5.25	1.86	3.05	.91	2312	11.07	
June .....	1.50	4.12	5.83	2.20	1.67	1.59	3.56	2.20	.88	2.10	2565	8.74	
July .....	4.51	1.36	2.85	.55	3.56	4.48	7.93	2.25	3.72	1.24	3245	15.14	
August.....	5.40	1.42	5.44	1.89	2.26	4.41	5.21	5.74	1.80	2.08	3565	16.83	
September ..	.84	2.37	4.03	2.60	.97	2.62	1.97	2.03	5.60	3.90	2693	13.50	
October ...	3.58	4.57	4.06	2.86	1.63	2.40	6.17	4.15	4.73	3.37	3752	18.42	
November ..	3.57	7.16	2.76	3.20	4.69	1.90	4.96	3.38	2.30	6.61	4053	17.25	
December ...	1.89	3.64	6.20	2.46	5.12	6.25	4.06	2.68	2.74	5.14	4018	14.62	
TOTALS ...	37.78	36.61	41.86	30.42	34.64	34.72	59.40	33.57	33.81	37.70	38051		

D

D

16448

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

## RAINFALL at Pentland Hills, Glen Cottage monthly.

County of Midlothian

Observer Messrs. Leslie &amp; Reid CE.

River Basin Esk - 4

Rain Gauge, by

Diameter ...			8								
Height .....			1 2								
Altitude ...			738								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			2.05	2.60	3.00	2.05	4.60	3.20	2.80	3.55	
February ...			2.60	2.00	2.70	3.00	5.90	.75	4.45	2.20	
March .....			3.10	5.40	4.10	2.00	4.40	2.00	1.00	2.85	
April .....			3.36	2.60	1.95	2.00	5.15	3.40	.95	4.80	
May .....			1.80	1.85	2.60	1.70	5.25	1.85	3.00	1.00	
June.....			5.60	2.05	1.65	1.55	3.45	2.15	.90	2.10	
July .....			2.65	.60	3.30	4.35	5.45	2.35	3.70	1.25	
August.....			5.25	1.80	2.20	4.30	5.10	5.60	1.80	2.10	
September..			3.95	2.50	.90	2.55	1.90	2.05	5.55	3.80	
October ...			3.90	2.75	1.55	2.40	6.10	4.20	4.70	3.85	
November ..			2.60	3.10	4.60	1.90	4.75	3.40	2.30	6.55	
December...			6.05	2.35	5.00	6.00	4.00	2.65	2.75	5.00	
TOTALS ...			39.91	29.60	33.55	33.80	56.05	33.60	33.90	38.85	

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

RAINFALL at Portland Hills (Glen Cottage)County of Middlethorpe, Observer W. L. Lee & Son Ltd. Esq.River Basin BR - 4

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

Diameter ...	5"										<sup>1930</sup> MEANS.	SUMS
Height .....	12											
Altitude ...	739											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January .....	429	6.60	2.69	2.34	3.22	4.16	3.99	3.29	6.95	140	477	43.68
February .....	402	1.15	2.71	3.09	1.83	6.20	3.08	1.39	3.07	117	70	27.41
March .....	3.63	3.65	2.24	1.42	.91	2.60	2.28	3.08	2.57	29	293	25.10
April .....	3.78	.78	2.02	2.72	1.62	4.90	1.92	1.90	1.28	208	133	24.33
May .....	3.62	1.95	1.53	3.50	5.36	5.13	3.41	1.67	1.91	200	151	31.41
June .....	1.44	.38	1.84	1.63	2.60	.58	4.10	3.80	5.83	282	206	27.08
July .....	3.97	3.19	4.38	4.04	4.50	1.83	3.07	3.26	2.80	3.99	4.55	39.58
August .....	7.35	5.46	1.89	4.48	3.88	3.08	2.26	7.84	5.70	563	5.84	53.71
September...	1.70	2.19	2.11	2.44	3.64	4.29	3.61	10.83	3.06	54	6.62	40.33
October.....	1.15	4.89	2.26	3.27	3.61	2.22	4.29	4.31	3.95	368	3.92	37.55
November...	3.06	1.48	2.05	4.04	1.35	.74	4.02	3.04	4.24	484	5.23	34.09
December...	2.63	5.09	3.92	3.62	3.87	3.80	.82	2.95	3.21	547	1.79	37.17
TOTALS...	39.94	36.81	29.64	37.19	35.39	39.53	36.85	47.36	44.57	3391	4025	42144
	<u>D.</u>											

Site inspected by Mr. Glanville 10.9.29.

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

## RAINFALL at Portland Hills (Glen Cottage) M.

County of MiddlesexObserver Miss Leslie A. Reid, B.E.River Basin E.R. - 4

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

Monthly

Diameter ...	8	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>1930</u> MEAN
Height .....	1.2											
Altitude ...	738											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January ...	425	6.50	2.70	2.30	3.25	4.06	4.00	3.20	6.80	1.55	4.67	
February ...	400	1.15	2.70	3.10	80	6.10	3.15	1.35	3.16	1.14	.71	
March ..... <u>3.10</u>	<u>3.55</u>	<u>2.20</u>	<u>1.45</u>	<u>.90</u>	<u>2.55</u>	<u>2.30</u>	<u>3.00</u>	<u>2.51</u>	<u>.24</u>	<u>2.95</u>		
April..... <u>2.75</u>	<u>.75</u>	<u>1.95</u>	<u>2.60</u>	<u>1.60</u>	<u>4.80</u>	<u>2.00</u>	<u>1.80</u>	<u>1.20</u>	<u>2.00</u>	<u>1.30</u>		
May .....	3.10	1.90	1.58	3.40	5.40	5.15	3.35	1.60	1.80	1.90	1.52	
June .....	1.50	.52	1.90	1.65	2.53	.60	4.20	3.70	5.67	2.60	2.00	
July .....	3.90	3.10	4.30	4.10	4.30	1.75	3.00	3.70	2.75	3.78	4.50	
August .....	7.25	5.25	2.00	4.95	3.85	2.95	2.10	7.05	5.50	6.80	4.30	
September...	1.60	2.10	2.05	2.84	3.65	4.25	3.55	10.39	2.93	.50	5.65	
October..... <u>1.20</u>	<u>4.80</u>	<u>2.30</u>	<u>3.35</u>	<u>3.53</u>	<u>2.25</u>	<u>4.25</u>	<u>4.15</u>	<u>3.80</u>	<u>3.54</u>	<u>3.92</u>		
November... <u>3.10</u>	<u>1.50</u>	<u>1.90</u>	<u>4.20</u>	<u>1.40</u>	<u>.80</u>	<u>4.00</u>	<u>2.90</u>	<u>4.17</u>	<u>4.75</u>	<u>5.30</u>		
December... <u>2.65</u>	<u>4.90</u>	<u>4.00</u>	<u>3.70</u>	<u>3.85</u>	<u>3.20</u>	<u>1.01</u>	<u>2.80</u>	<u>3.17</u>	<u>5.85</u>	<u>1.82</u>		
TOTALS... <u>M.</u>	<u>39.70</u>	<u>35.83</u>	<u>29.58</u>	<u>37.69</u>	<u>35.10</u>	<u>38.46</u>	<u>36.91</u>	<u>45.64</u>	<u>43.46</u>	<u>82.25</u>	<u>38.64</u>	

1920 approximate check q.

1924. 7.1. check q.

1925. N.P. check q.

1926. " "

1927. " "

1928. " "

1929. " "

1930. " "

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

## RAINFALL at Portland Hills (Glen Cottage)

County of Midlothian

Observer Messrs. Leslie &amp; Reid, G.E.

River Basin. H - Eak.

Edinburgh Water Engineers (1937)

Type of Gauge Standard

35.2

Annual Average ~~29.6~~ in. based on ~~25~~ years obs. un-weighted. Period of average 1881-1915  
Coverage ended B.C. 1915. Gap filled using Liberton (Alley Farm), Addiewell, & Gladhouse Qu.

Ref. P.D. No 4445

Diameter	5"										SUMS Means
Height	1' 2"										
Altitude	739'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.10	4.97	3.99	3.88	1.31	4.19	3.61	4.92	5.42	1.30	35.69
February	2.40	4.41	2.06	1.11	3.01	4.08	4.73	1.25	2.67	1.44	22.16
March	1.12	3.11	1.31	3.67	1.17	2.78	3.78	1.20	3.85	4.08	25.77
April	2.51	3.86	2.73	5.41	3.91	1.77	1.44	2.22	1.91	2.74	26.50
May	3.10	3.92	2.07	1.87	.97	1.04	3.18	4.05	1.09	1.98	23.27
June	4.86	1.36	2.41	3.26	2.48	1.92	1.43	5.03	1.94	1.04	25.72
July	3.61	2.80	4.13	2.62	.83	5.28	5.04	3.66	2.96	7.75	38.68
August	5.88	.73	1.04	4.15	2.74	1.68	3.95	2.00	1.86	.90	24.63
September	2.25	3.46	2.37	2.36	4.04	3.50	3.10	3.46	1.89	3.02	29.45
October	2.59	6.80	2.47	4.68	7.39	2.68	4.03	6.78	3.24	3.21	44.37
November	4.86	2.75	1.59	2.52	5.17	3.39	4.47	5.96	5.56	5.79	38.06
December	1.71	7.05	1.09	3.84	1.59	2.53	3.97	2.38	1.68	3.17	29.01
TOTALS	36.99	41.22	27.26	38.26	34.61	34.84	39.23	40.91	33.77	36.42	363.51

1936. Trees 100 ft. high 25 pds. surrounding gauge.

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			Glencairn	2.7 mi. S.E.		Glencairn	2.7 mi. E.

Station No. 5122

## RAINFALL at Pentland Hills (Glen Cottage)

41

County of Midlothian

Observer Edinburgh Water Engineer

River Basin 4 - ESK

Type of Gauge Saardon

Annual Average 352 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. P.B. No. 445

File No.

Diameter	5"											
Height	1' 2"	1' 3"				900	648					
Altitude	739'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1948-50 Means	
January	2.39	4.94	3.44	3.03	3.72	3.09	3.30	7.24	3.48	2.29	36.92	
February	6.10	1.55	2.39	1.29	3.86	1.71	2.16	3.23	2.35	4.70	29.34	
March	3.64	1.78	2.06	0.46	1.82	2.79	5.10	1.94	1.04	3.44	24.07	
April	2.60	1.76	1.44	2.64	1.79	.93	4.84	2.68	2.44	3.70	24.82	
May	4.19	2.11	4.18	3.34	4.66	2.22	3.03	2.36	2.67	2.48	31.24	
June	1.04	1.50	2.27	3.01	1.94	2.32	3.02	5.10	1.21	1.83	23.24	
July	4.07	3.46	3.76	2.75	3.00	4.38	3.11	2.38	2.69	3.60	33.20	
August	4.81	3.10	4.78	3.06	4.23	5.05	.04	11.55	2.79	4.75	44.16	
September	1.03	4.03	2.08	6.41	4.33	4.97	2.09	3.60	2.39	6.83	37.76	
October	4.42	3.98	4.41	3.08	4.60	.95	1.37	1.78	5.59	3.50	33.68	
November	3.02	1.09	1.10	7.34	.55	4.93	4.76	3.15	4.18	5.14	35.56	
December	2.02	2.56	1.21	3.22	2.14	3.53	2.84	3.85	7.32	2.01	30.70	
TOTALS	39.33	31.86	33.42	39.63	36.64	36.87	35.66	48.86	38.15	44.27	384.69	

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. 5122

51

RAINFALL at Shetland Hills (near Botany)County of MidlothianObserver Edinburgh Water EngineerRiver Basin 4 - eastType of Gauge Snowdon

Annual Average 35.2 in. based on years obs. unweighted. Period of average 1881-1913 Ref #8 to 445  
38.2 - 35 .. 1916-1950 X 1916-1950 File No. P

Diameter ...	5"			900	648						
Height ...	1' 3"					1					
Altitude ...	739'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.06	3.54	0.65	3.49	2.40	2.04	4.21	1.62	1.32	3.42	
February	3.00	.68	1.15	2.27	1.82	2.02	2.82	2.68	.68	2.60	
March	3.82	1.84	.81	2.11	2.20	1.57	2.08	1.98	.86	1.61	
April	4.15	2.31	3.83	1.49	1.03	.90	1.03	2.27	2.20	1.25	
May	3.70	1.91	2.21	5.05	3.16	1.33	1.58	2.48	.74	1.15	
June	2.26	2.98	1.92	3.28	1.04	2.77	1.87	3.36	1.84	1.54	
July	3.80	2.57	4.66	2.49	2.30	5.46	5.77	6.64	3.20	2.66	
August	6.42	4.39	1.95	6.39	1.35	7.84	4.52	3.13	.50	3.99	
September	1.83	3.06	3.05	3.78	1.78	4.43	1.81	3.59	.61	1.67	
October	0.74	2.04	1.72	7.01	1.91	2.15	2.65	1.51	2.37	3.12	
November	5.96	3.15	4.64	3.97	.98	.89	1.91	1.28	5.51	3.53	
December	3.34	4.59	3.79	4.64	5.36	3.15	3.50	4.87	3.67	3.34	
TOTALS ...	43.08	33.06	30.41	45.97	25.33	34.83	33.76	35.61	22.90	29.88	
	D	D	D	D	D	D	D	D	D	D	P

In 17.7.60 Shetland site ~ garden ~ sat. Daily g. is poor via distorted  
and leads badly.

1960 P. on map.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference NT(36)7236345

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓