

Rainfall at Harlow-

50
1857
L. G. -
Milesian.

A. Ramsay Esq.

Notes Feb. Apr. 1857

+ Ground 0.6

+ Sea level 770 feet

Altitude 12-5.

YEAR - -					1854	1855	1856	1857	1858	1859	MEANS.
January - -					4.50	2.56	2.68	2.30	2.60	4.10	
February - -					1.20	1.34	3.10	.90	1.50	2.70	
March - - -					2.00	1.61	.11	2.07	1.30	4.50	
April - - -					.60	.86	3.20	2.90	1.60	4.10	
May - - - -					3.10	2.24	4.12	2.00	2.80	.20	
June - - - -					6.00	2.90	4.20	5.10	1.50	2.10	
July - - - -					1.70	4.12	2.30	2.40	5.00	3.50	
August - - -					1.70	4.25	4.41	2.40	2.40	1.30	
September -					1.10	.62	8.20	5.80	3.00	2.60	
October - - -					2.60	4.12	1.30	2.60	6.60	4.70	
November - -					5.31	1.75	.90	3.20	2.02	3.10	
December - -					3.00	1.83	4.40	2.90	2.10	3.00	
TOTALS - - -					32.80	28.20	39.00	34.57	32.42	36.70	

✓ ✓ ✓ ✓ ✓ ✓

Harlow

w. Edinburgh

milestone.

A Ramsay Capt

00

807

+ Ground level 61

+ Sea Level 770 feet 61

Hurd + C - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	6.30	1.50	4.30	6.00	2.10	4.10	4.50	4.60	5.60	3.40	4.240
February - -	2.30	2.90	1.70	2.30	2.90	1.50	5.00	2.70	3.90	4.30	2.950
March - - -	3.00	4.10	3.80	1.20	4.70	1.40	2.50	2.00	3.50	1.30	2.750
April - - - -	.80	2.50	2.30	2.70	1.40	.40	2.70	3.70	4.50	1.50	2.250
May - - - - -	1.40	1.00	3.40	2.30	2.10	5.00	2.00	3.20	1.90	2.90	2.520
June - - - -	4.50	3.10	3.60	4.20	1.80	.60	1.30	2.20	.80	2.30	2.440
July - - - - -	2.00	4.50	4.30	.60	2.20	4.10	4.40	5.80	.30	1.20	2.940
August - - -	4.00	4.50	4.90	4.30	.90	3.70	3.80	2.40	5.00	1.50	3.500
September -	1.10	5.50	1.60	4.20	3.60	.80	3.20	2.50	4.30	5.40	3.220
October - - -	4.50	2.20	6.10	3.10	10.20	7.00	1.40	2.90	3.40	2.00	4.280
November -	3.70	6.60	1.70	2.40	3.50	3.40	3.60	.60	2.70	2.40	3.060
December -	4.50	1.90	4.10	3.30	3.00	2.90	4.70	2.10	5.30	3.10	3.490
TOTALS -	38.10	40.30	46.80	36.60	38.40	34.90	39.10	34.70	41.20	31.30	37.640

V C C C C C C C

RAINFALL AT *Lochie Harlaw*

1860
70

Lat.....

Lon.....

County of *Edinburgh*

Rain Gauge, by.....

Observer *W H Cameron Esq C E*

Almond &c - 5.

Diameter	—											
Height	—											
Altitude	—								800			
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.80	2.50	5.70	4.50	2.70	4.20	1.60	7.90	3.60	1.10	3.660	
February.....	3.90	3.40	3.10	1.20	1.20	1.70	3.80	3.20	1.30	2.00	2.480	
March.....	1.30	1.90	3.50	2.70	1.80	1.70	4.70	1.70	1.00	3.20	2.350	
April.....	— 80	4.90	2.60	.30	2.30	.90	3.50	3.30	1.30	2.60	2.250	
May.....	1.90	.80	4.50	3.10	1.60	1.50	1.50	2.80	3.50	1.90	2.310	
June.....	3.60	1.80	3.80	.90	1.10	2.20	3.10	3.00	1.80	5.75	2.705	
July.....	1.90	3.30	3.70	3.50	2.60	3.60	1.80	5.80	.50	10.00	3.670	
August.....	1.10	2.80	3.20	4.80	6.70	2.00	4.00	7.30	5.80	3.70	4.090	
September.....	2.70	3.30	6.90	4.10	3.10	3.80	4.20	1.90	4.00	1.90	3.670	
October.....	3.10	2.80	4.40	3.30	4.00	3.40	3.00	3.30	3.30	1.80	3.440	
November.....	1.60	5.10	5.90	3.70	5.00	5.60	4.80	3.70	3.60	2.90	4.190	
December.....	2.50	2.30	5.80	2.50	3.70	2.20	9.20	2.40	3.30	1.60	3.300	
TOTALS.....	27.20	34.90	50.60	36.10	35.80	32.80	45.20	46.30	33.00	38.45	38.035	

RAINFALL AT *Pentland Hills, Harlaw*

Lat. _____

Lon. _____

County of _____

Edinburgh

Rain Gauge, by _____

Observer _____

W. & Cameron, Esq.
Station No. - 5.

Diameter	11										
Height	0.1				6						
Altitude	800										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.10	1.10	2.50	4.00	5.60	2.30	4.50	1.60	1.80	1.00	
February	2.70	3.40	2.40	1.90	2.60	3.10	1.60	1.60	2.30	2.10	
March	2.00	2.10	4.20	1.60	2.40	2.40	4.60	2.30	5.00	1.60	
April	4.70	.80	3.50	1.40	1.20	2.60	2.10	1.30	2.00	3.40	
May	1.90	3.80	3.10	1.60	3.30	3.30	5.00	1.90	1.20	2.60	
June	1.90	2.30	4.40	2.30	1.00	.60		.50	2.90	1.40	
July	3.70	3.10	4.10	4.70	6.90	1.10	3.10	3.10	5.60	4.80	
August	0.80	7.00	1.90	2.90	1.30	2.60	1.20	2.30	2.10	6.50	
September	3.80	3.80	3.00	3.10	3.60	3.60	3.30	5.10	.90	1.20	
October	4.30	2.80	3.20	2.80	1.70	2.90	5.70	2.20	1.60	4.80	
November	4.20	3.50	3.90	4.00	2.00	1.60	2.70	5.30	6.30	.70	
December	3.20	2.80	4.40	2.40	4.70	1.60	3.80	2.30	1.70	2.00	
TOTALS	34.30	36.50	40.60	32.70	36.30	27.70		29.50	33.40	32.10	

1886 June gauge out of order

RAINFALL AT *Pentland Hills Harlaw*

Lat. _____

Lon. _____

County of *Edinburgh*

Rain Gauge, by _____

Observer *W Anderson Esq*

Almond &c - 5.

Diameter	<i>11</i>											
Height	<i>66</i>											
Altitude	<i>800</i>											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	<i>4.80</i>	<i>1.30</i>	<i>1.49</i>	<i>1.45</i>	<i>3.85</i>	<i>2.36</i>	<i>1.23</i>	<i>1.37</i>	<i>1.24</i>	<i>4.68</i>	<i>2.377</i>	
February	<i>.90</i>	<i>.26</i>	<i>3.27</i>	<i>3.46</i>	<i>8.92</i>	<i>1.15</i>	<i>1.15</i>	<i>2.07</i>	<i>1.92</i>	<i>1.75</i>	<i>2.485</i>	
March	<i>2.50</i>	<i>4.95</i>	<i>1.64</i>	<i>1.27</i>	<i>2.75</i>	<i>4.26</i>	<i>2.56</i>	<i>4.22</i>	<i>1.82</i>	<i>2.73</i>	<i>2.870</i>	
April	<i>1.00</i>	<i>.80</i>	<i>1.35</i>	<i>1.31</i>	<i>1.97</i>	<i>1.98</i>	<i>1.45</i>	<i>2.14</i>	<i>2.88</i>	<i>3.62</i>	<i>1.850</i>	
May	<i>2.00</i>	<i>2.05</i>	<i>2.64</i>	<i>1.98</i>	<i>4.30</i>	<i>1.06</i>	<i>.70</i>	<i>1.69</i>	<i>1.84</i>	<i>3.92</i>	<i>2.218</i>	
June	<i>3.90</i>	<i>1.04</i>	<i>3.68</i>	<i>3.89</i>	<i>2.15</i>	<i>2.35</i>	<i>3.76</i>	<i>3.85</i>	<i>2.14</i>	<i>1.62</i>	<i>2.927</i>	
July	<i>3.10</i>	<i>2.81</i>	<i>1.54</i>	<i>2.82</i>	<i>3.13</i>	<i>3.93</i>	<i>4.79</i>	<i>2.00</i>	<i>1.34</i>	<i>4.28</i>	<i>2.974</i>	
August	<i>4.70</i>	<i>7.50</i>	<i>4.78</i>	<i>3.64</i>	<i>5.19</i>	<i>5.51</i>	<i>1.51</i>	<i>3.33</i>	<i>3.42</i>	<i>.72</i>	<i>4.030</i>	
September....	<i>1.50</i>	<i>6.25</i>	<i>2.49</i>	<i>1.97</i>	<i>.67</i>	<i>.94</i>	<i>5.38</i>	<i>2.38</i>	<i>2.98</i>	<i>3.80</i>	<i>2.836</i>	
October	<i>2.30</i>	<i>3.34</i>	<i>5.29</i>	<i>3.72</i>	<i>3.13</i>	<i>4.33</i>	<i>5.36</i>	<i>1.55</i>	<i>5.00</i>	<i>2.43</i>	<i>3.645</i>	
November....	<i>6.30</i>	<i>2.68</i>	<i>1.68</i>	<i>1.95</i>	<i>2.76</i>	<i>3.56</i>	<i>1.14</i>	<i>2.62</i>	<i>4.73</i>	<i>3.66</i>	<i>3.108</i>	
December	<i>2.40</i>	<i>7.39</i>	<i>1.88</i>	<i>3.23</i>	<i>2.72</i>	<i>3.68</i>	<i>4.96</i>	<i>4.47</i>	<i>3.28</i>	<i>2.27</i>	<i>3.628</i>	
TOTALS	<i>35.40</i>	<i>40.37</i>	<i>31.73</i>	<i>30.69</i>	<i>42.54</i>	<i>35.11</i>	<i>33.98</i>	<i>31.69</i>	<i>32.59</i>	<i>35.48</i>	<i>34.958</i>	

91 compared with original 29.11.10

RAINFALL AT Pentland Hills Harlaw

Lat.

Lon.

County of

Edinburgh

Rain Gauge, by

Observer

W. Anderson Esq

Almond TC - 5.

Measr. Leslie & Reid Esq. (09)

Diameter ..	11							5			
Height	0 6										
Altitude ..	800										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.70	2.68	1.41	5.13	3.40	1.01	3.71	1.55	3.87	3.57	3.103
February ..	4.20	1.21	1.13	4.67	2.84	1.95	1.74	1.49	1.44	1.81	2.248
March	1.77	2.67	1.25	6.33	1.34	4.18	2.97	2.53	4.12	7.84	3.500
April	2.24	2.11	1.79	1.27	2.75	1.98	1.28	1.48	2.38	2.89	2.017
May	2.00	3.07	3.60	2.27	3.96	.97	5.52	3.24	2.00	2.26	2.889
June	4.14	2.24	2.04	1.54	2.88	.93	2.24	2.74	1.21	3.16	2.312
July	3.61	1.27	2.87	4.22	1.98	2.02	1.88	2.76	3.75	3.79	2.815
August	4.55	4.08	1.58	3.58	4.89	3.92	6.59	4.05	2.55	2.58	3.837
September ..	2.78	1.47	1.98	3.24	2.14	2.62	.74	1.37	2.93	2.66	2.193
October	4.12	2.12	1.83	7.58	.93	2.63	7.35	10.83	1.24	5.09	4.372
November ..	6.85	3.40	.97	2.28	1.63	4.34	5.12	1.55	1.75	1.18	2.907
December ..	5.53	3.93	2.79	1.82	3.26	1.65	1.65	4.73	.87	3.41	2.964
TOTALS ..	46.49	30.25	23.24	43.93	32.00	28.20	40.79	38.32	28.11	40.24	35.157

4.33

RAINFALL at Pentland Hills, Harlaw Daily g.County of Midlothian ^{Almond & C.} Observer James Leslie & Reid C.E.River Basin Firth of Forth R. bank trib. 3.

Rain Gauge, by _____

Diameter ...	5										
Height	0 6		1 0								
Altitude ...	800										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.93	1.60	1.77	2.70	2.38	1.95	3.48	2.09	2.19	3.26	2535
February ...	3.85	2.49	2.17	1.46	2.75	2.51	4.39	.91	3.40	1.80	2573
March	1.50	1.64	2.88	4.96	4.04	1.57	4.50	1.51	.90	2.08	2558
April	3.91	2.00	.42	2.52	1.80	1.58	4.00	2.12	.82	3.62	2279
May	1.90	1.44	1.31	2.00	2.44	1.43	3.91	1.65	2.66	.82	1956
June	1.45	3.14	4.83	2.26	1.26	1.81	3.45	2.18	1.05	2.16	2359
July	4.15	1.27	2.29	.52	3.87	3.78	5.28	1.78	3.86	.90	2770
August	5.37	1.31	5.02	1.13	1.75	4.00	4.66	5.17	1.97	1.86	3224
September ..	.81	1.66	3.33	2.43	.60	3.02	1.56	1.53	4.31	2.98	2223
October ...	2.99	3.91	3.87	2.11	1.69	2.61	5.38	4.10	3.33	2.43	3242
November ..	3.37	6.38	2.38	2.64	3.49	1.51	3.83	3.05	1.99	5.43	3407
December ...	2.24	3.30	4.12	2.21	5.17	5.59	3.60	2.20	2.73	5.13	3629
TOTALS ...	35.47	30.14	34.39	26.94	31.24	31.36	48.04	28.29	29.21	32.47	32755

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

RAINFALL at Pentland Hills, Harlaw Res. Monthly 9.County of Midlothian Observer Messrs Leslie & Reid C.E.River Basin Almond & B-5

Rain Gauge, by _____

Diameter ...			11									
Height			0 9									
Altitude ...			800									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...			1.75	3.40	2.40	1.93	3.55	2.12	2.13	3.21		
February ...			2.17	1.45	2.69	2.53	4.27	.88	3.31	1.76		
March			2.85	5.05	3.96	1.48	4.64	1.72	.90	2.16		
April42	2.51	1.79	1.57	4.02	2.35	.81	3.59		
May			1.28	1.97	2.41	1.42	3.82	1.65	2.55	.83		
June			4.81	2.24	1.20	1.80	3.45	2.16	1.05	2.11		
July			2.34	.50	3.85	3.75	5.32	1.76	3.72	.91		
August			4.98	1.18	1.75	3.81	4.65	5.04	1.93	1.81		
September ..			3.26	2.37	.60	3.99	1.64	1.55	4.18	2.93		
October ...			3.84	2.00	1.70	2.57	5.41	3.97	3.32	2.29		
November ..			2.32	2.59	3.43	1.49	3.83	3.02	1.94	5.32		
December...			4.15	2.27	5.04	5.41	3.49	2.60	2.71	4.90		
TOTALS ...			34.17	27.53	30.82	31.75	47.99	28.82	28.55	31.82		

*

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

RAINFALL at Pontland Lick (Harlaw-Brook).County of North Yorkshire Observer Miss Lyle & Reid C.E.River Basin 5 Almond

Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	200										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN
January ...	3.49	4.95	2.22	1.89	2.12	3.14	3.54	2.69	6.23	.90	2.45
February ...	2.90	1.05	1.96	3.35	.59	4.76	2.94	1.35	2.82	.97	.36
March	2.94	2.73	1.75	1.04	.53	2.15	1.86	3.24	1.86	.29	2.11
April	3.00	.73	1.67	2.29	1.44	3.41	1.88	1.88	.98	1.55	1.15
May	3.37	1.67	1.07	2.07	4.56	5.36	3.44	1.52	1.54	1.77	1.43
June	1.44	.40	1.79	1.15	2.00	.53	4.23	3.36	5.33	2.80	2.41
July	2.49	2.28	4.68	4.13	3.67	1.50	2.65	2.14	2.10	2.98	3.23
August	7.77	4.75	1.45	4.27	3.68	3.16	2.05	6.94	5.52	5.17	5.84
September...	1.70	2.16	1.81	1.61	3.52	4.87	3.64	9.91	2.49	.87	4.73
October	1.14	2.58	1.68	2.79	3.50	2.49	3.72	4.30	4.19	3.96	3.70
November...	2.08	.97	1.71	3.21	1.45	.78	4.08	2.45	3.92	4.05	4.85
December...	3.07	4.28	3.13	2.85	3.62	4.17	.75	2.11	1.97	5.49	2.28
TOTALS...	26.39	21.55	24.92	30.65	30.68	36.32	34.78	41.89	38.95	29.80	35.54
	2	2	2	P	P	D	3	D	2	2	D

Site inspected by Dr. Glasfurd 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	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Pentlands Hills (Harrow Reservoir) ^MCounty of MidlothianObserver Montague Reid, C.E.River Basin 5th Hume etc.

Rain Gauge, by _____

Monthly

Diameter ...	11											
Height	0.9											
Altitude ...	800											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931
January ...	3.53	5.03	2.50	2.20	2.50	3.10	3.50	2.65	6.20	.91	3.70	
February ...	2.89	.95	2.52	3.90	.90	4.60	2.90	1.40	2.80	.95	.35	
March	2.92	2.79	2.10	1.30	.53	2.10	1.80	3.20	1.85	.25	2.10	
April	2.95	.82	1.90	2.60	1.40	3.44	1.85	1.80	.95	1.60	1.14	
May	3.32	1.69	1.30	2.20	4.60	5.10	3.36	1.50	1.54	1.70	1.40	
June	1.53	.40	1.90	1.30	1.90	.50	4.35	3.30	5.30	2.10	2.30	
July	3.38	2.17	4.50	4.60	3.40	1.45	2.45	2.10	2.00	2.90	3.20	
August	7.61	4.68	1.70	4.70	3.60	3.10	2.00	6.90	5.50	5.10	5.80	
September...	1.70	2.11	2.10	2.30	3.40	4.75	3.50	9.90	2.49	.30	4.70	
October	1.13	3.47	1.90	3.30	3.40	2.45	3.65	4.25	4.15	3.90	3.65	
November...	2.04	1.30	1.85	3.50	1.40	.75	4.00	2.40	3.90	3.96	4.83	
December...	2.97	4.40	3.20	3.00	3.60	4.10	.90	2.10	1.95	5.40	2.53	
TOTALS...	35.94	29.81	27.47	34.90	30.63	35.41	34.26	41.50	38.63	28.97	35.70	
	M			M								

1923 sp. obs.1924 sp. obs.

1925 N. P. black g.

1926 " " " "

1927 " " " "

1928 " " " "

1929 " " " "

1930 " " " "

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	Direction	Parish Church.	Distance from gauge	Direction

RAINFALL at Pentland Hills (Harlaw Reservoir)County of MidlothianObserver Messrs Leslie Reid, & Co.River Basin 5 - Almond & Co.Edinburgh Water Engineering (1937)Type of Gauge SnowdonAnnual Average 22 in, based on 51 years obs. un-weighted. Period of average 1881-1915 Ref. JanuaryDeleted 18.40 (cf. P.B. No. 1445)computed 21/30

Diameter	5"											
Height	1' 0"											
Altitude	800'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.70	3.76	3.28	2.48	1.10	4.00	2.96	3.75	4.24	1.05		
February	1.75	.23	1.55	.14	2.21	3.30	3.84	.75	2.30	.92		
March	.94	2.64	1.01	3.21	1.24	2.14	2.03	.71	3.00	2.41		
April	2.45	3.36	2.36	4.57	3.36	1.79	1.35	.17	1.52	2.29		
May	2.84	4.05	1.88	1.45	.81	.71	2.88	2.99	.82	2.03		
June	4.48	1.11	1.92	2.77	2.12	1.78	1.10	3.64	1.79	.52		
July	3.90	2.38	4.26	2.06	.76	4.81	5.39	3.03	2.38	7.35		
August	4.77	.53	1.18	3.38	2.72	1.55	4.18	1.87	1.35	.80		
September	1.61	3.37	2.21	2.27	3.13	2.72	1.68	2.08	2.11	2.31		
October	1.96	6.43	2.50	4.09	6.30	1.90	4.19	5.50	1.92	2.69		
November	4.30	1.82	1.55	1.43	5.69	3.03	.23	4.67	3.86	4.91		
December	1.32	4.95	.80	4.37	1.49	1.41	2.45	2.34	1.15	2.37		
TOTALS	32.38	34.63	24.50	32.22	30.93	29.19	32.28	31.50	26.44	29.65		

1940 Jan. part est!

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	Direction
1936			Cornie	2 mi.	N.E.	Cornie	2 mi.	N.E.

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

Station No. 5130
RAINFALL at Pentland Hills (Harlow Resⁿ) **41**
 County of Midlothian Observer Edinburgh Water Engineer
 River Basin 5- Almond & C.
 Type of Gauge Snowdon Balford Pattern

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

File No.

Diameter	5"				899	746					
Height	1' 0"					1					
Altitude	800'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.56	3.12	2.45	2.40	3.28	1.88	2.82	5.99	2.11	1.40	
February	4.06	1.12	1.58	.96	3.30	1.41	1.71	2.22	1.74	3.18	
March	2.72	1.25	1.74	.44	1.05	1.66	4.94	1.24	.95	2.49	
April	1.28	1.65	.90	2.15	1.30	.45	2.79	2.02	1.26	2.74	
May	3.56	1.93	3.02	2.56	4.44	1.68	2.79	2.03	2.32	2.10	
June	0.52	.98	1.74	2.70	1.58	1.74	2.20	4.60	1.12	1.53	
July	2.69	2.74	2.63	2.34	2.28	3.94	2.72	2.16	1.41	3.67	
August	3.34	2.23	3.88	2.55	3.22	3.92	.27	8.87	2.83	3.06	
September	.77	3.01	1.73	4.44	3.68	3.27	1.23	2.46	2.06	5.45	
October	2.94	3.16	3.85	2.87	3.45	.72	1.21	1.17	4.63	2.38	
November	1.82	.70	.77	6.00	.44	4.22	3.26	2.43	4.35	3.97	
December	1.04	1.76	.95	2.52	2.13	2.54	2.21	2.98	4.55	1.41	
TOTALS	26.30	23.65	15.24	31.93	30.15	27.43	28.15	38.17	29.33	33.38	

1945. Our notes of day as found. 1945.
 1944 n.p. low.

1945 n.p. low. 1/1/45 Inspection by Mr. Carter: - Site sheltered by Lis trees 30'-35' high 40' W. line of trees 30' high.
 No better site available. Gauge - old Balford pattern - tube broken off funnel. Measure reads low (see Goswood 5125). Shelter & faulty measure must result in some deficiency.
 Standard gauge's measure ordered through M.O. 6.
 New gauge's measure dispatched 10.5.46.

1947. N.P. low. 1948 n.p. low. To be inspected by M.O.S.D. as soon as possible.
 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. 5130

RAINFALL at Pentland Hills (Harlaw Res) 51County of Midlothian Observer Edinburgh Water Engineer.River Basin 5 - almond & C.Type of Gauge Bedford Pattern

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

File No.

Diameter ...	5"					899	706				
Height ...	1' 0"						1				
Altitude ...	800'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.86	2.46	0.34	2.74	1.86	1.27	2.98	2.11	0.96	2.60	
February ...	2.44	.40	.67	1.79	1.48	1.71	2.96	1.96	.43	1.86	
March ...	3.45	1.01	.39	1.86	1.76	1.21	1.79	1.49	.68	1.02	
April ...	2.55	1.63	2.65	.83	.38	.60	.77	2.05	1.97	.93	
May ...	3.22	1.59	2.17	4.42	2.48	.83	1.90	2.15	.84	.89	
June ...	1.91	2.24	1.52	1.86	.63	2.60	1.83	2.87	1.63	1.24	
July ...	3.26	2.40	3.94	1.81	1.91	4.98	4.51	5.76	2.81	2.71	
August ...	6.29	3.30	1.97	5.47	1.20	6.26	4.08	4.02	.36	4.28	
September ...	1.09	2.29	2.45	3.06	1.37	3.39	1.52	3.89	.53	1.69	
October ...	0.63	1.81	1.22	6.01	1.57	1.55	2.10	1.54	2.30	3.25	
November ...	5.15	2.54	3.60	3.95	1.06	.79	1.61	.93	5.23	2.72	
December ...	2.44	2.70	2.77	3.61	4.37	2.81	2.72	4.67	2.91	2.50	
TOTALS ...	35.29	24.37	23.69	37.61	20.07	28.00	28.77	33.44	20.65	25.69	
	D	D	D	D	D	np	np	np	np	np	

1958 low. hgs. 27.7.60. Site badly o/s by trees particularly N & E. At 1958 inflow present no better site but the may become available in spring 1961. G. set in concrete slab. About wt. very zealous 1958 np low. 1960 np low.

Annual Average 31.30 in based on 39 yrs obs. within 1916-58. Period of average 1916-50. 4" low. Rf. S. Rejected.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference N7(36)181653

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
	✓	✓	✓	✓ np. 44-49	
	- but D 15-19	✓	✓	✓	