

fall at Glencorse Filters
midstrian

Book - 4.

YEAR - -	1857	1858	1859	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -				7.00	4.45	4.35	2.00	3.10	2.95	2.75	4.50
February - -				5.40	2.30	2.60	2.60	2.85	1.30	1.10	2.65
March - - -				.97	.76	1.00	1.80	.10	2.25	1.55	5.15
April - - -				.35	2.50	.95	1.15	3.55	2.45	1.25	3.80
May - - -				2.67	1.10	3.80	2.25	3.75	2.10	1.90	.10
June - - -				2.75	5.15	5.80	2.80	5.00	5.15	1.65	2.00
July - - -				2.35	4.00	2.40	3.85	2.40	1.30	4.50	3.15
August - -				5.35	3.35	2.30	4.30	4.90	2.10	2.10	1.40
September -				3.50	2.70	1.45	.75	7.45	6.20	2.70	2.25
October - -				4.60	5.65	2.75	4.00	1.35	2.05	5.10	3.95
November -				3.90	1.70	4.40	1.85	1.50	3.65	1.50	3.60
December -				9.80	2.55	4.40	1.70	5.05	3.20	2.65	2.50
TOTALS -				48.64	36.21	37.10	29.05	41.00	34.90	28.75	35.05

2 to 6 desir 53.10

7 to 9 -- 16.10 3.16.11

RAINFALL AT Glencairn Filter Edinburgh & District W.W.

Lat. _____

Long. _____

County of MelroseLat. - 54.

Rain Gauge, by _____

Observer Miss Leslie & Reid

Diameter										
Height										
Altitude										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	MEANS.
January		2.00								
February55								
March		3.50								
April70								
May		2.25								
June80								
July		3.20								
August		5.90								
September		6.33								
October		2.90								
November		1.95								
December		5.62								
TOTALS		35.70								
		<u>35.70</u>								

Exhasted 22/1/20

RAINFALL AT Pentland Hills, Glencorse Filters.

Lat. _____

Lon. _____

County of

Midlothian

Rain Gauge, by _____

Observer Messrs Leslie & Reid C.E.

Sok - 4t.

Diameter ...										
Height										
Altitude ...										
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ...										
February ...										
March										
April										
May										
June										
July										
August.....										
September ..										
October ...										
November ..										
December ...										
TOTALS ...							43.57	42.52	34.29	43.37

1906-11. Entered from P.Y. 1. XIV. 1913.

RAINFALL at Pentland Hills, ~~the cottage~~, Daily.

County of Midlothian

Observer Messrs Leslie & Reid C.E.

River Basin Esk - 14.

Rain Gauge, by.

Diameter ...			5									
Height			1 2 1 0									
Altitude ...			639									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...			2.28	2.54	2.93	2.06	4.79	2.78	2.69	3.39	13.65	
February ...			2.68	2.11	2.67	3.02	5.44	1.70	4.28	2.06	12.48	
March			3.39	5.23	4.11	1.93	3.64	1.93	1.01	2.66	9.24	
April			1.38	2.80	2.01	2.08	4.90	3.32	.89	4.31	13.42	
May			1.87	2.03	2.49	1.77	5.08	1.82	2.92	.93	10.75	
June			5.79	2.14	1.65	1.59	3.38	2.28	.89	2.01	8.56	
July			2.69	.52	3.44	4.30	5.37	2.20	3.84	1.21	12.62	
August			5.43	1.89	2.15	4.39	5.24	5.53	1.75	2.05	14.57	
September ..			3.86	2.56	.85	2.60	1.94	1.98	5.44	3.67	13.03	
October ...			4.06	2.80	1.67	2.40	6.11	3.94	4.50	3.17	17.72	
November ..			2.77	3.05	4.62	1.91	4.64	3.25	2.22	6.25	16.36	
December...			6.12	2.49	5.09	5.92	3.99	2.56	2.65	4.01	13.21	
TOTALS ...	36.90	36.65	41.32	30.16	33.98	33.97	54.52	32.29	33.08	35.72	155.61	

1906-11. Entered from P. Y. 1. XII. 1913.

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

RAINFALL at Moorfoot Hills, Glengorse Filters monthly.

County of Midlothian

Observer Messrs. Leslie & Reid C.E.

River Basin Esk - 4

Rain Gauge, by

Diameter ...			11								
Height			1 0								
Altitude ...			787	639							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			2.30	2.60	3.10	2.20	5.20	2.85	2.60	3.30	
February ...			2.80	2.20	3.00	3.10	6.00	.75	4.50	2.25	
March			3.50	5.60	4.20	1.80	4.00	2.00	1.05	2.90	
April45	2.75	2.15	2.20	5.20	3.20	.95	4.70	
May			1.85	2.00	2.70	1.75	5.50	1.85	3.05	1.05	
June.....			5.85	2.10	1.65	1.55	3.60	2.15	.85	2.15	
July			2.70	.50	3.60	4.40	6.50	2.35	3.90	1.20	
August.....			5.35	1.75	2.15	4.40	5.30	5.55	1.80	2.00	
September ..			4.00	2.60	.85	2.60	1.95	2.00	5.60	3.90	
October ...			4.25	2.75	1.60	2.40	6.15	4.15	4.75	3.40	
November..			2.90	3.30	5.00	1.90	4.90	3.46	2.45	6.90	
December...			6.20	2.55	5.40	6.40	4.20	2.75	3.00	5.60	
TOTALS ...			42.15	30.70	35.40	34.70	57.80	33.05	34.50	39.35	

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

RAINFALL at Portland Mills (Scope)
filled.County of Middlesex.Observer James Leslie Rail. 55.River Basin 5A - 14

Rain Gauge, by _____

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1030 MEAN.	SUMS
Height	1.0												
Altitude ...	638												
Year													
January ...	4.08	6.28	2.47	2.20	3.14	3.94	3.97	2.92	6.09	1.80	4.07		40.46
February ...	3.73	1.07	2.68	2.83	.79	5.85	3.07	1.24	2.72	.99	.54		23.51
March April.....	2.03	3.46	2.10	1.39	1.01	2.43	2.26	2.80	1.96	.24	2.64		23.32
May	3.58	.73	1.91	2.42	1.69	4.63	1.81	1.75	1.17	1.85	1.19		22.73
June	2.27	1.83	1.59	3.36	5.38	4.94	3.39	1.51	1.72	1.70	1.85		30.14
July	1.42	.36	1.67	1.51	2.55	.55	3.88	3.36	5.22	2.61	1.99		24.97
August	3.90	3.03	4.20	3.88	4.25	1.66	2.96	2.81	2.34	3.41	4.88		37.27
September...	6.88	5.27	1.99	4.95	3.67	2.80	2.13	7.07	4.99	4.86	5.70		50.11
October.....	1.57	2.18	1.95	2.85	3.55	4.39	3.47	9.90	2.75	.87	5.16		38.14
November...	1.11	4.81	2.28	3.14	3.33	2.12	4.02	3.75	3.45	3.28	3.64		34.93
December...	2.84	1.38	1.97	3.87	1.31	.67	3.68	2.69	3.77	4.65	4.89		31.72
TOTALS...	38.09	35.26	28.52	35.53	34.21	37.46	35.54	42.12	38.95	30.04	37.66		393.37
						D	D	D	D	D	D		

Site inspected by Mr. Glanspole 16.9.27.

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

RAINFALL at Pentland Hills. (Glencorse Fellside.)

County of Middlesex.

Observer Mr. Leslie Reed, Esq.

River Basin 82k-1f

Rain Gauge, by

Markly.

Diameter ...	11									
Height	1.0									
Altitude ...	638									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January	4.20	7.00	2.65	2.40	3.15	3.90	4.05	3.10	6.25	1.25
February	4.20	1.10	2.70	3.05	1.85	5.95	3.10	1.20	2.75	.95
March	3.50	3.70	2.15	1.45	1.00	2.50	2.25	2.70	1.90	.26
April	4.00	7.0	1.95	2.55	1.70	4.70	1.90	1.95	1.10	1.77
May	3.60	1.70	1.65	3.60	5.45	5.00	3.30	1.55	1.75	1.60
June	1.40	3.0	1.72	1.60	2.60	.60	3.80	3.30	5.25	2.70
July	4.00	3.10	4.17	4.20	4.45	1.80	2.90	3.30	2.30	3.30
August	7.20	5.20	1.88	4.90	3.75	2.90	2.30	7.25	4.85	4.75
September	1.60	2.10	2.00	3.00	3.70	4.45	3.80	9.80	2.65	.41
October	1.20	4.15	2.30	3.25	3.40	2.20	4.20	3.70	3.40	3.40
November	3.05	1.40	1.90	4.00	1.40	.75	3.75	2.75	3.75	4.65
December	2.70	5.20	3.95	3.55	3.45	3.70	9.95	2.30	2.75	5.15
TOTALS...	460.95	36.35	29.02	37.56	35.10	38.45	36.30	42.90	38.70	30.19
	M.			M.						38.26

1923 reported - cloudy.

1924 - 1927 check gauge.

1925. N.P. check q.

1926. " " "

1927. " " "

1928. " " "

1929. " " "

1930. " " "

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 Penland Holes (Glencorse Holes)

County of Middlesex

Observer Messrs. Taylor & Reid, S.E.

River Basin 4 - Colne

Edinburgh Waters Run-off (1931)

Type of Gauge Standard

Annual Average 35.0 in. based on 28 years obs. un-weighted. Period of average 1881-1915. Ref. Survey
Completed XI/36.

Diameter	5'											SUMS Menses
Height	1' 0"						0	11	1' 0"			
Altitude	638'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.17	4.66	3.88	3.78	1.23	4.22	3.39	4.99	5.34	1.11	34.77	
February	2.43	3.4	2.00	1.12	2.81	3.85	4.54	1.17	2.62	1.29	21.16	
March	1.08	3.08	1.18	3.70	1.25	2.52	2.27	1.18	3.76	3.81	23.93	
April	2.40	3.70	2.59	4.80	3.79	1.75	1.37	1.25	1.82	2.78	25.25	
May	3.06	3.60	1.96	1.85	1.94	1.05	3.14	4.07	1.06	1.86	22.57	
June	4.73	1.29	2.20	3.25	2.18	1.85	1.44	5.22	1.83	1.01	25.00	
July	3.50	2.63	3.98	2.87	1.81	5.17	4.77	3.64	2.64	7.25	36.86	
August	5.42	5.5	1.93	3.59	2.78	1.66	3.76	1.88	1.47	7.9	22.93	
September	2.06	3.33	2.48	2.26	3.82	3.58	2.64	3.27	1.75	2.97	28.16	
October	2.19	6.50	2.38	4.47	7.25	3.03	4.49	6.46	3.11	2.95	43.13	
November	4.71	2.73	1.50	2.48	5.06	3.59	4.0	5.80	6.58	5.32	37.17	
December	1.67	6.60	1.03	3.53	1.56	2.49	3.47	2.22	1.89	3.23	27.39	
TOTALS	35.72	39.01	26.11	36.40	33.48	34.76	35.68	40.15	32.47	34.36	348.14	

1936. Hill a tree 60 ft. high 22 yds. W.
 150 " " 80 " S.W.
 House 12 " " 30 " S.

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
1936			Glencorse	2 mi. S.E.	Glencorse	2 mi. E.	

Station No. 5121

RAINFALL at Pentland Hills (Glencairn Fillers) 41

County of Midlothian

Observer Edinburgh Water Engineer

River Basin 4-Esk

Type of Gauge Showdow

Annual Average 35.0 in. based on 28 years obs. ~~yearly~~-weighted. Period of average 1881-1915 Ref Survey.

File No.

Diameter	5"			900	649					
Height	1' 0"				1				11 "	
Altitude	638'				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	2.05	4.31	3.23	3.51	3.61	3.23	3.23	6.58	3.30	1.86
February	3.64	1.32	2.39	1.23	4.04	1.80	(1.49)	3.09	2.42	4.22
March	3.23	1.60	2.02	4.9	1.89	2.61	4.71	1.75	1.05	3.07
April	2.38	1.64	1.35	2.70	1.78	.90	4.79	2.44	2.20	3.23
May	3.91	2.07	4.04	3.46	4.64	1.93	3.05	2.10	2.45	2.23
June	0.99	1.38	2.16	3.18	2.03	2.18	2.75	4.75	1.23	1.71
July	3.54	3.47	3.63	2.74	3.01	4.19	3.09	2.45	2.60	3.08
August	4.21	2.86	4.69	3.04	4.12	4.57	.06	10.76	2.82	4.07
September	.81	3.99	2.03	6.39	4.12	4.57	2.07	3.50	1.47	6.62
October	4.06	4.04	4.39	3.15	4.63	.86	1.23	1.67	5.82	3.36
November	2.62	1.07	1.36	7.60	.51	4.82	4.62	2.97	3.74	5.09
December	1.78	2.30	1.42	3.44	2.11	3.61	2.87	3.46	6.42	1.79
TOTALS	33.22	30.05	32.71	40.93	36.49	35.27	33.95	45.52	35.72	40.33
	D	D	D	D	D	D	D	D	D	D

1947 Feb. adj. for snow.

2000+

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

Station No. 5121

RAINFALL at Pentland Hills (Glencorse Station)

51

County of Midlothian

Observer Esda Edinburgh Water Engine

River Basin 4 - Esk

Type of Gauge Standard

Annual Average 35.3 in. based on 28 years obs. w/wt-weighted. Period of average 1916-1950 Ref. Survey P
 36.04 - 35 " 1916-1950 File No. 1916-1950

av. for 1950

Diameter ...	5"			900	649						
Height ...	0' 11"					1					
Altitude ...	638'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.19	3.36	0.56	3.54	2.29	1.89	4.32	1.83	1.30	3.26	
February	2.91	.62	1.05	2.15	1.72	2.06	2.76	2.32	.71	2.61	
March	3.46	1.50	.66	1.93	2.03	1.38	1.93	1.81	.81	1.51	
April	3.61	2.07	2.99	1.34	.94	8.4	1.03	2.14	2.16	1.17	
May	3.18	1.80	1.90	4.96	2.72	1.28	1.63	2.36	.68	1.11	
June	1.98	2.69	1.78	3.07	.91	2.73	1.88	3.49	1.80	1.39	
July	3.55	2.17	4.21	2.33	2.12	5.10	5.87	6.44	3.29	2.71	
August	5.74	3.75	1.78	6.18	1.29	7.79	4.89	3.09	.46	3.77	
September	1.47	2.73	2.82	3.74	1.67	4.03	1.79	3.28	.60	1.65	
October	0.70	1.86	1.55	6.55	1.87	1.94	2.70	1.49	2.44	2.95	
November	5.54	2.87	4.36	3.60	.90	8.6	1.84	1.20	5.48	3.30	
December	3.16	4.61	3.61	4.33	5.29	3.09	3.29	4.75	3.24	3.46	
TOTALS ...	39.49	30.03	27.27	43.72	23.75	32.99	33.43	34.20	22.97	28.89	
	D	D	D	D	D	D	D	D	D	np	

In 27.7.60 Enc raised slightly above level of surrounding land - rising g. 6
 E - slope down to W. When sharp rise. Site best available but subject
 to interference. G. leaking badly at junction of funnel and vertical
 walls. Obsr. not very jealous.

1960 np has on imp.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NT(36) 225631

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 20/9

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	c 1912	/	/	/	/
	- b/d 14-19	/	/	/	/