

North Lake Reservoir

Pebbles.

Lake - 3.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -		6.57	10.12	5.33	8.51	1.57	3.12	4.08	3.05	3.78	
February - -		1.76	6.96	4.59	3.43		3.75	5.55	1.53		
March - - -		4.58	1.00	3.74	2.99		.10	4.95	2.75		
April - - -		4.83	.52	2.78	1.06	1.60	2.70	2.45	3.48		
May - - -		1.29	2.36	1.10	3.87	1.78	3.84	1.82	3.37	.05	
June - - -		4.44	2.76	4.87	5.30	2.44	4.91	4.46	2.53	1.70	
July - - -		4.27	2.34	5.97	2.00	3.80	2.42	1.71	4.78	2.17	
August - - -		4.41	4.75	3.59	1.54	4.82	4.84	2.31	2.35	1.49	
September -		3.31	3.41	3.60	1.10	.72	8.37	4.82	3.71	2.94	
October - -		3.95	5.29	6.15	4.87	5.12	1.41	2.38	6.43	4.12	
November -	8	6.85	1.96	4.61	1.90	3.00	1.38	.74	3.25	1.18	3.62
December -		3.11	2.27	10.84	2.09	7.89	2.12	9.03	4.15	3.48	3.70
TOTALS -		43.66	54.96	45.71	45.56		45.23	41.93	38.64		

North Esk Reservoir

Penicuik Publis

W John Gamcock

31.6.11.68 + ground 6 in + Sea Level 1150 feet

No. - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.	
January - -	4.90	2.28	4.10	7.10	2.40	5.25	5.10	4.15	5.95	2.45	4.368	+
February - -	6.40	2.50	1.40	2.62	2.55	1.60	4.55	3.45	4.90	5.00	3.497	
March - - -	4.95	3.51	3.10	.92	4.40	1.20	2.05	1.05	3.40	1.05	2.562	
April - - -	.78	1.55	3.20	2.90	1.05	.45	2.30	4.25	4.30	1.65	2.243	-
May - - -	1.51	.70	3.30	2.65	1.90	4.30	2.25	2.70	2.00	2.15	2.346	
June - - -	3.95	2.35	3.30	2.85	2.45	.70	1.55	2.15	.80	3.30	2.340	
July - - -	2.39	4.43	4.50	.82	2.30	4.25	3.75	5.10	.65	1.25	2.944	
August - - -	3.09	5.35	5.40	2.45	1.05	4.65	3.85	2.05	6.70	.80	3.539	
September -	.95	5.10	2.00	5.00	3.98	1.00	2.85	2.70	3.85	5.55	3.298	
October - -	4.98	2.20	6.70	3.45	7.95	7.60	2.25	2.45	2.95	2.25	4.278	
November -	1.51	6.30	1.50	3.22	2.95	3.10	3.95	.75	3.30	3.20	3.178	
December -	3.65	2.00	4.60	3.75	3.00	2.60	4.50	2.70	4.55	2.85	3.420	
TOTALS -	39.06	40.27	43.10	37.73	35.98	36.70	38.95	33.50	43.35	31.50	38.014	

31.6.11.68 + ground 6 in + Sea Level 1150 feet
 No. - 3.

RAINFALL AT North Esk Reservoir [Penningsick]

70

Lat.....

Lon.....

County of... Peebles

Rain Gauge, by.....

Observer

W. J. Garwood

Gr - 3.

Diameter.....	.11	.	.	.	.	.	.	.	.	.	.	.
Height.....	.6	.	.	.	.	.	.	.	.	.	.	.
Altitude.....	1150.	.	.	.	.	.	.	.	.	.	.	.
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.40	2.35	5.20	4.60	3.45	4.45	2.25	7.25	5.50	1.25	3.890	
February.....	2.95	3.05	2.35	1.45	.85	1.30	3.25	2.85	2.05	3.10	2.320	
March.....	1.40	1.90	3.20	2.15	2.35	1.75	6.05	1.85	1.45	3.95	2.605	
April.....	.70	4.30	1.95	.20	2.15	1.40	2.60	2.05	1.95	2.45	1.995	
May.....	1.60	1.10	4.15	2.85	1.60	1.55	1.00	2.90	3.15	2.25	2.215	
June.....	2.90	2.20	3.55	1.30	1.00	2.70	3.10	2.60	1.95	4.75	2.605	
July.....	1.20	3.15	2.50	3.75	2.70	3.30	2.50	6.15	1.15	8.75	3.675	
August.....	1.00	3.55	4.15	4.50	6.50	2.55	5.70	7.05	6.55	3.55	4.370	
September.....	2.45	2.25	6.05	4.45	3.30	4.60	3.80	2.35	4.40	3.60	3.725	
October.....	3.65	2.15	5.15	5.70	4.80	3.60	3.25	3.35	4.50	1.70	3.785	
November.....	1.15	4.60	7.10	4.35	4.45	5.70	3.00	4.25	3.60	3.95	4.215	
December.....	2.25	3.30	2.95	2.55	1.90	3.40	7.20	2.90	4.05	2.25	3.275	
TOTALS.....	23.65	34.30	48.30	37.85	35.05	36.30	43.70	45.55	40.30	41.55	38.653	

1875 Gauge very slightly sheltered on the N

West Linton church 5 miles S.

RAINFALL AT *W. Esk Reservoir [Penicuik]*

Lat. _____

Lon. _____

County of _____

Peebles

Rain Gauge, by _____

 Observer *W. J. Garnock*
Ex - 3.

Diameter	11											
Height	0.6											
Altitude	1150 ft											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.15	2.80	3.75	3.45	4.95	2.50	5.95	1.40	2.95	1.30	3.020	
February	3.40	3.10	3.25	1.60	3.55	2.75	1.55	2.80	2.65	2.00	2.665	
March	2.30	4.45	5.50	1.95	2.40	2.00	2.70	1.95	4.90	2.45	3.060	
April	3.80	1.05	3.20	1.05	1.10	2.00	1.70	1.60	2.10	3.40	2.100	
May	1.80	2.50	2.65	1.35	4.15	2.65	4.55	2.35	1.35	2.45	2.530	
June	1.85	2.85	4.45	2.65	1.45	1.10	1.45	.70	2.05	1.50	2.005	
July	2.95	4.70	4.70	4.10	5.65	1.40	3.20	3.00	6.25	4.30	4.025	
August .....	.65	6.30	2.50	4.15	1.40	2.35	2.25	4.05	3.05	7.10	3.380	
September	5.15	3.55	3.10	3.50	2.70	5.10	4.60	5.70	1.15	1.50	3.605	
October	3.70	2.80	3.35	3.90	3.20	2.50	4.50	2.55	2.15	4.45	3.310	
November	6.30	3.75	4.45	4.15	2.30	1.65	3.30	5.75	8.60	1.00	4.145	
December	4.35	2.85	5.65	2.60	5.15	1.85	2.60	2.50	2.00	3.40	3.295	
TOTALS	36.90	40.70	46.55	34.45	38.00	27.85	38.55	34.35	39.20	34.85	37.140	

1884 West Linton Church 5 miles S

Hedge 4 ft high 12 ft N.

1889 Gauge moved 1 Nov 45

RAINFALL AT *N Esk Reservoir [Penicuik]*

Lat. _____

Lon. _____

County of *Peebles*

Rain Gauge, by _____

Observer *Dr J. Gamock*

Stk-3.

Mr W. Tod

Diameter	11											
Height	0 6											
Altitude	1150 <i>M</i>											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.35	2.10	2.00	1.20	5.35	3.75	1.10	2.35	2.05	6.40	3.175	✓
February ....	.90	1.25	3.50	5.20	11.90	.80	1.95	2.30	3.20	2.25	3.325	✓
March	3.75	5.65	2.15	.95	3.70	5.40	2.95	4.75	2.40	3.25	3.495	✓
April	1.50	1.05	.90	.90	1.70	1.50	1.85	2.20	2.55	4.65	1.880	
May	2.05	<i>(2.20)</i>	3.25	1.20	4.35	.90	.50	1.95	2.90	3.75	2.305	✓
June	5.75	<i>(1.50)</i>	3.25	4.70	3.10	1.40	3.75	4.45	2.35	1.35	3.160	
July	5.15	<i>(2.30)</i>	1.40	2.95	2.15	4.00	4.05	2.65	1.60	4.95	3.120	
August	5.60	<i>(6.60)</i>	4.90	3.25	5.50	6.35	2.20	4.05	5.60	.95	4.500	
September...	4.85	10.35	2.80	2.25	.45	1.35	4.75	3.05	4.25	3.90	3.800	
October	4.35	3.08	5.00	3.65	2.80	3.85	6.00	1.85	5.15	3.60	3.933	
November...	8.25	2.65	2.40	2.75	2.55	3.50	1.60	3.75	7.50	4.85	3.980	
December ...	2.55	9.15	1.85	4.40	3.45	4.80	5.85	5.00	6.00	3.35	4.640	
TOTALS	50.05	<i>(47.80)</i>	33.40	33.50	47.00	37.60	36.55	38.35	45.55	43.25	41.313	

1891 May-July No obs. owing to illness and death of observer

1892 West Linton Church 5 miles SW

Tree 2 ft high 48 ft N

May to July 1891 estimated

RAINFALL AT *N Elk Reservoir [Perrinville]*

Lat. Lon. County of *Pebbles*

Rain Gauge, by Observer *Mr W Tod*

Stk - 3.

Diameter ..	11											
Height	0 6											
Altitude ..	1150 ft											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	4.30	2.75	2.70	5.40	3.25	2.05	4.95	2.45	4.50	4.45	3.680	
February ..	4.45	2.30	1.35	6.25	3.85	2.65	2.35	3.10	2.40	2.35	3.105	
March	1.60	2.90	3.10	6.75	3.05	4.00	3.35	4.50	4.80	6.15	4.020	
April	2.65	2.10	1.90	1.50	4.30	3.10	1.70	2.25	2.50	2.00	2.400	
May	1.50	1.95	3.10	2.35	4.20	1.50	5.65	3.30	2.65	2.50	2.870	
June	2.85	2.10	2.15	2.00	2.80	1.45	1.65	3.45	1.75	2.50	2.270	
July	3.85	.85	2.80	4.15	2.80	2.70	2.90	3.35	2.75	4.70	3.085	
August	4.00	6.15	1.50	4.85	4.50	3.60	6.55	4.85	3.35	2.65	4.200	
September ..	3.95	1.65	2.25	2.70	2.00	3.10	1.20	1.45	4.00	3.20	2.550	
October	5.65	2.80	2.50	7.90	1.40	2.25	8.30	9.00	1.40	4.80	4.600	
November ..	5.60	4.40	1.05	3.25	2.60	3.65	6.60	1.80	2.95	1.40	3.330	
December ..	8.75	4.70	3.45	1.80	3.60	2.80	4.60	3.50	1.10	4.00	3.830	
TOTALS ..	49.15	34.65	27.85	48.90	35.35	32.85	49.80	43.00	34.15	40.70	39.940	

up m m m up m up m

(1926) Carlisle

RAINFALL at Penicuik (N. Loch Reservoir)County of PeeblesObserver W. N. Tod died 1925River Basin 3 LochW. Nimmo Tod (1925)*insert*(1926) Howard Rain Gauge, by(1926) W. Nimmo Tod died 20/5/22
(1928) J. Gilmore

Diameter ...	11						5				
Height	0.6						1.0	1.3	1.6		
Altitude ...	1150										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	4.50	5.15	4.00	4.00	(3.30)	4.90	(4.50)	3.91	6.24	.58	4.13
February ...	4.50	2.00	3.25	2.30	(1.90)	6.40	(3.50)	1.88	2.81	1.26	.449
March	5.95	4.50	2.50	2.20	.85	4.50	(3.00)	3.03	2.02	.41	2.33
April	3.95	1.45	2.20	3.80	2.00	5.00	2.00	2.49	1.17	1.93	1.50
May	4.55	2.30	3.15	4.15	5.15	5.00	3.54	2.27	imp	1.74	1.78
June	3.53	.50	2.25	2.35	2.70	-	4.20	3.47		3.19	2.60
July	5.00	2.70	3.80	3.90	5.80	-	3.07	2.07		4.07	4.93
August	6.80	5.80	3.60	6.90	5.20	-	2.84	7.22		6.46	6.33
September...	2.65	2.40	2.40	4.35	3.90	-	3.91	9.02		.71	4.25
October	1.05	3.15	2.15	4.95	5.35	-	4.28	4.99		4.23	4.40
November...	3.10	1.85	3.00	5.00	3.00	-	3.75	3.73	imp	5.40	5.29
December...	4.50	5.90	3.60	3.55	5.95	-	1.16	1.89	2.05	4.83	2.34
TOTALS...	48.05	40.70	35.90	47.45	44.10	-	39.75	45.97	imp	34.81	40.37
										2	D

1920. 2 feet tower. Eyes. 36 ft. high. 16 ft. off. N.

1924. Jan. 5. Tod resigned.

1925. W. Tod died 21. V. 25. - observations interrupted - recently resumed by new keeper with new gauge. A. W. 24. 3. 26.

1928. Gap in record due to death of former keeper.

1930 Hawthorn Hedge 5' high 6' S.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	55° 48' 25"	3° 21'	Broomlee	5 m.	S.	W. Linton	5 m.	S.

RAINFALL at Barlups (North Cole Reservoir)County of PaslesObserver J. GilmoreRiver Basin 3 - Est.Type of Gauge Gilmore Howard (1934)Annual Average 27.5 in. based on 35 years obs. un-weighted. Period of average 1891-1925 Ref. 2

Diameter	5"										
Height	1' 6"				1.0						
Altitude	1150'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.56	5.52	2.85	4.43	1.29	(5.80)	4.88	7.11	6.54	(1.71)	
February	3.89	3.8	2.65	.28	3.55	(4.20)	5.67	2.23	4.41	1.03	
March	1.28	2.97	1.25	3.07	1.55	(2.40)	1.81	3.33	4.80	3.74	
April	3.01	4.20	2.86	5.64	4.01	(1.70)	1.31	.72	2.52	3.14	
May	3.96	3.40	2.39	2.36	.70	1.03	2.51	4.51	1.51	3.67	
June	5.69	1.27	2.49	2.81	2.48	2.06	3.09	6.69	2.25	.99	
July	4.44	2.81	4.33	2.70	1.16	5.88	4.65	4.46	3.67	6.83	
August	5.03	.76	1.46	3.57	2.29	2.68	5.19	2.44	1.66	1.71	
September	1.29	3.99	1.84	2.88	4.70	3.76	3.74	3.84	2.24	3.92	
October	2.87	7.21	2.36	5.95	6.73	4.96	4.47	9.29	3.06	2.95	
November	4.81	2.59	1.61	3.33	5.12	4.64	.56	8.98	6.32	6.02	
December	2.54	5.67	.91	3.87	1.29	3.89	8.21	4.35	1.83	3.65	
TOTALS	40.87	40.77	27.00	40.89	34.87	(43.00)	46.09	57.95	40.81	40.36	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931. Hawthorn Hedge 4' high 4 1/2' S.W.

1933. Ap. 1935. Observer moved to an open site to south west in July 1936.

1936. Gauge inspector 17 July 1936 left H. S. Gilmore. Gauge old and unreliable. Recommended that letter be sent to N. Cole Reservoir Co. suggesting new gauge to be erected on site, suggested by Observer, about 25 yds S of present site, which is unsatisfactory. Letter sent to N. Cole Reservoir Co. re new gauge, from Scotland on 19.7.36. New gauge measure from 28.7.36.

1.8.36. No. gauge set up 15 ft. S. of old site avoiding shelter of trees.

1937. Gauge adjusted by reference to 1/2" maps. 1938. Above nothing fence 2' 9" high W.N.

1940. Gauge post set.

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
1931.			West Linton	5 m.	S.W.	West Linton	5 m.	S.W.
1934			Pericuete	7 1/2 m.	E	West Linton	6 1/2 m.	W.
1935			Pericuete	6 m.	E	West Linton	4 m.	W. ✓

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

Station No. 5080

RAINFALL at Carlisle (North Est. Reservoir)

41

County of Peebles Observer J. Gilman Esq.

River Basin 3 - Esk

Type of Gauge 05

Annual Average 39.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"				900	297					
Height	1'0"					1					
Altitude	1150'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.57	(5.51)	3.46	4.17	3.25	3.54	3.09	7.20	4.45	2.49	
February	6.15	1.28	2.91	1.89	4.43	2.40	1.81	3.59	3.46	4.20	
March	2.72	2.20	2.05	.60	2.24	2.47	(4.80)	2.54	1.31	3.72	
April	2.26	1.87	1.33	2.70	1.48	1.15	5.48	3.31	3.56	4.04	
May	4.47	2.69	4.90	3.70	4.33	1.65	3.23	2.20	2.30	1.91	
June	0.77	1.29	2.99	3.67	2.78	2.52	2.91	5.30	1.21	2.66	
July	3.09	3.94	3.28	3.12	3.00	5.76	2.96	2.91	2.17	4.81	
August	4.48	3.87	4.87	3.25	4.89	3.74	0.07	9.05	3.70	4.10	
September	1.08	4.46	2.85	5.85	6.01	5.88	2.68	4.39	2.09	8.85	
October	4.18	5.24	5.88	3.45	5.27	.60	1.64	3.35	5.58	3.71	
November	3.06	.93	1.92	8.45	.70	5.50	6.62	3.21	4.76	5.21	
December	2.35	2.65	2.10	4.14	2.29	3.36	2.93	4.50	7.76	1.84	
TOTALS	36.18 D	35.93 D	38.54 D	44.99 D	40.67 D	38.57 D	38.22 D	51.55 D	42.85 D	47.54 D	

1947 Jan adj for snow
Mar adj for snow

10004

40004

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

