

RAINFALL at Glendevon, Glenquay Reservoir

County of Perth

Observer D. Mackenzie Esq. B.Sc.

River Basin Firth, lower-left bank trib. 4.

Rain Gauge, by

Diameter ...											
Height	0	11									
Altitude ...	945	ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	8.10	3.60	4.00	4.80	4.80	4.40	7.80	1.50	6.30	5.40	
February ...	6.20	11.50	4.80	3.50	5.70	4.40	3.50	1.30	8.50	1.30	
March	3.85	3.80	5.80	7.20	5.90	2.40	2.70	2.30	2.10	3.90	
April	4.00	3.30	8.0	4.20	3.50	4.00	4.30	1.90	1.60	2.90	
May	2.85	1.55	2.10	4.20	3.40	1.30	6.50	3.80	3.30	1.70	
June	1.90	3.25	6.20	4.10	1.10	2.80	5.70	3.40	1.70	3.50	
July	5.50	3.40	2.90	1.00	4.80	5.40	5.80	2.10	4.90	1.90	
August	12.40	5.00	5.40	2.20	4.90	5.70	4.10	7.30	4.90	2.60	
September ..	1.50	2.10	3.90	3.20	2.30	2.60	2.20	4.40	6.80	6.50	
October ...	2.60	5.40	7.50	4.30	3.30	4.50	9.00	7.90	6.70	1.90	
November ...	6.40	8.30	6.60	6.40	8.80	3.60	9.70	5.80	3.30	5.80	
December ...	3.30	5.90	11.60	4.00	11.50	8.30	7.00	2.30	5.20	7.00	
TOTALS ...	58.60	57.10	61.60	49.10	60.00	52.40	68.30	44.00	55.30	44.80	
	imp. D.										

Glenquay Res. was constructed for the water supply of the Rossyth Base.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Rumbling Bridge	4 miles		Glendevon	1 mile	

RAINFALL at Blengay. No 2.

County of Perth

Observer H. F. Hodge, C.E.

River Basin Firth Lower 4

Tife County Council

Rain Gauge, by

Diameter ...				8									
Height				10									
Altitude ...				945									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEANS.	
January ...	4.92	5.51	7.18	10.35	7.04	12.64	2.84	7.57					
February ...	7.33	1.43	7.45	7.81	3.59	7.44	2.58	1.11					
March	3.14	1.05	1.28	3.87	5.03	5.56	.93	3.81					
April.....	3.98	3.27	6.33	3.22	3.04	1.71	1.49	2.02					
May	2.73	6.72	8.88	3.88	3.47	1.83	4.65	3.27					
June	3.27	5.29	9.90	4.28	6.18	6.34	3.41	4.27					
July	3.90	7.09	2.68	5.70	5.18	4.84	5.72	4.99					
August	9.30	5.93	5.10	5.85	8.09	7.48	8.45	6.72					
September...	7.76	8.29	3.78	6.22	7.63	7.57	1.76	6.58					
October.....	7.91	5.21	4.52	6.38	8.15	9.40	7.29	7.13					
November...	4.29	4.45	1.29	9.65	6.82	8.05	8.44	6.66					
December...	5.72	8.93	4.14	1.81	2.39	7.60	9.48	5.89					
TOTALS...				64.28	62.57	53.53	69.02	66.61	80.46	57.04	59.80		
				D	D	D	D	D	D	D	D		

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

RAINFALL at Glendevon, Glenquay Reservoir (1)

County of Perth Observer H. Y. Hedge Esq. C.E.

River Basin Forth, Lower 4

old float Rain Gauge, by _____

Diameter ...	11			11							
Height	0 - 11			0 - 11							
Altitude ...	945'			945'							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January	7.20	6.50	5.90	4.80	4.90	5.90					
February ...	7.10	1.20	3.80	6.90	1.50	6.60					
March	4.10	9.80	4.80	2.90	1.20	1.30					
April.....	3.00	2.20	2.50	3.80	3.10	5.70					
May	6.20	4.40	5.80	2.60	6.60	8.20					
June	2.70	2.20	2.10	2.70	4.80	.70					
July	3.60	4.20	6.80	3.50	7.10	2.50					
August	6.10	8.20	4.10	9.10	5.60	4.70					
September...	4.00	3.00	3.20	7.70	7.80	3.60					
October.....	1.90	6.00	3.60	7.00	5.00	4.30					
November...	5.70	3.20	4.10	3.90	4.20	1.20					
December...	5.60	9.20	4.20	5.70	6.40	3.30					
TOTALS...	57.20	58.10	50.40	60.60	58.20	48.00	#				
	d	d	d	d	d	d					

1923 no print - check.

1924 N.P. check gauge.

1925 -

a snowdrift will be suitable for float gauge (like a Rain Ch. inspection)

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

Reference No. _____

Date.	Lat. N.	Long.W	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	56° 1' 30"	3° 38' 30"	Rumbling Bridge	3 1/8 mi	S E	Glendevon	1 3/8 mi	N

RAINFALL at Glendaron (Glenguey Reservoir) N° 2.

County of Perth. Observer H. A. Hodge, C.E.

River Basin 14-Lorth lower - Left Bank

Type of Gauge

Annual Average 58.0 in. based on 10 years obs. un-weighted. Period of average 1881-1915. Ref. S
Computed X 37

Diameter	8										
Height	1.0										
Altitude	945										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.66	6.22	6.37	9.62	1.52	3.95	5.31	10.21	5.94	2.25	
February	5.32	1.16	5.43	5.7	5.38	3.28	4.62	2.76	7.36	2.12	
March	1.53	3.60	3.00	5.30	2.35	3.20	3.00	3.90	4.19	5.10	
April	3.41	6.89	2.64	6.16	4.93	2.07	2.81	.62	2.74	4.36	
May	5.68	4.89	2.08	3.69	.60	1.17	2.94	6.44	2.09	1.42	
June	6.82	1.95	2.09	2.95	6.59	2.41	4.31	7.82	3.29	1.34	
July	8.15	6.12	5.66	4.13	1.60	6.21	5.59	6.42	7.72	5.85	
August	2.83	1.18	3.98	5.69	6.03	4.78	5.27	3.03	2.55	1.85	
September	2.45	5.53	1.75	6.23	8.47	4.27	4.06	8.71	2.93	3.59	
October	6.22	8.21	4.53	8.19	10.43	6.10	4.20	10.62	3.94	5.85	
November	9.12	5.06	2.53	1.98	6.43	4.58	1.27	9.28	10.72	7.34	
December	4.92	11.54	2.32	6.93	2.98	6.09	3.25	3.69	2.78	5.13	
TOTALS	59.44	60.45	42.38	61.46	57.31	48.11	46.63	73.50	56.27	46.20	
	D	D	D	D	D	D	D	D	D	D	

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	Direction from gauge

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

Station No.

5528

RAINFALL at

Glendevon (Clunyay Rcp^t) No. 2. 41

County of Perth

Observer H. F. Hodges Esq., C.E.

River Basin 4-Forth Lower Left Bank

J. D. Leyden, C.E. (1947)

Type of Gauge Sonstalon

County Engineer (1947) Tafe

Annual Average 56.0 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter	8"		891	665							
Height	1' 0"				1						
Altitude	945'				41	942'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.00	5.09	6.77	6.65	2.61	6.08	5.59	7.02	7.34	5.10	
February	5.31	(2.19)	5.71	2.61	7.95	3.77	(3.25)	6.30	5.51	5.31	
March	2.89	3.73	2.59	-43	5.32	4.46	(5.78)	5.14	2.18	3.69	
April	2.20	3.44	3.53	3.74	2.81	1.48	8.58	3.62	5.16	3.69	
May	4.80	4.01	5.32	3.22	7.84	1.71	4.14	3.86	3.17	2.27	
June	1.05	1.75	5.89	5.44	6.45	4.63	5.74	6.68	1.67	3.03	
July	4.61	3.52	4.44	4.12	4.79	5.52	4.45	5.75	2.99	6.58	
August	5.79	8.16	8.50	3.94	3.00	5.80	0.07	11.15	4.41	7.46	
September	3.55	7.41	5.59	3.85	7.96	9.66	6.55	6.29	3.71	12.16	
October	6.28	5.42	12.30	5.62	7.56	.51	3.39	8.33	6.31	5.20	
November	4.48	1.27	3.32	8.52	1.03	8.99	8.92	4.73	5.55	5.92	
December	4.85	8.03	3.23	5.38	5.28	6.59	2.99	6.66	9.14	2.14	
TOTALS	47.81	54.02	67.19	53.52	62.60	59.20	59.45	75.53	57.14	62.55	

1941 Jan + Feb. add for snow.

1942 Feb. add for snow.

Gauge control 3/45

1945 Boatshouse 12' high 150' SW. Gauge is on open hillside near edge of reservoir.

1947 Feb. Mar 1st. for snow

3000 ft

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
1945	56° 2' 24"N	3° 38' 24"W	Rumbling Bridge	3.8 m	SE	Glendevon	4.5 m N by W

Station No. 5528

RAINFALL at Glendevon (Glenguey Res.) ~~Perpetual~~ 5d site

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County of Perth

Observer

Surveyor Engineer of Reservoir

River Basin

North Lower Left Bank - 4

Type of Gauge

Snowdon (Cantilever cap 1/4 in. top 4 in.)

Annual Average 58.0 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter ...	8"				894	665					
Height ...	1' 0"						1				
Altitude ...	942'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.04	2.77	2.00	4.74	2.31	4.20	8.35	4.69			
February ...	2.88	.90	1.98	3.86	1.27	2.36	3.53	3.01			
March ...	3.04	6.06	2.44	3.23	1.40	2.90	5.23	2.70			
April ...	3.94	2.80	2.73	2.25	2.62	1.48	3.28	1.86			
May ...	2.03	1.78	2.75	6.50	4.77	3.82	3.48	4.36			
June ...	3.19	4.71	2.45	4.65	3.40	4.42	2.29	3.70			
July ...	6.36	3.02	9.24	3.82	1.50	6.09	6.38	6.16			
August ...	7.65	6.25	3.43	6.57	1.71	6.88	5.90	6.44			
September ...	5.48	3.73	7.55	6.87	4.14	5.68	2.90	7.40			
October ...	1.74	4.10	4.63	11.06	4.79	5.13	5.62	3.94			
November ...	10.45	2.63	9.84	9.47	2.32	1.09	3.03	2.66			
December ...	9.23	4.40	6.60	7.91	10.23	6.48	9.10	10.23			
TOTALS ...	61.03	43.15	55.64	70.93	40.62	50.53	59.09	57.47			
	D	D	D	D	D	D	D	D			

1885 Top N. shown on 21/7. gauge sound but f. measured late perp. to S.E. & N.W. in SW side of embankment head pond for a few yrs. only then slope down to N. Occupied from ENE → N → WSW.
 New site chosen to N.E. of embankment where pond falls slightly N.E. Hedge bank dip 15°-30°, 30° N.
 A good site in a slight local hollow.

1956. New gauge installed on new site
 8/8/56, as rec'd. Rec'd. 26/1/57. 552819

NGR 552819 - 979029

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference 271 381 979029		
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
		C 23	✓	✓	✓	✓
		✓ bnd 25.26		✓	✓	✓

894666

5528/1

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RAINFALL at Blawden (Glengoy Reservoir) ~~metre~~^{inches} 1950

County of Perth

Observer County Engineer, Fife

River Basin

Type of Gauge

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

File No.

Diameter ...			894	666		5"					
Height ...					1		1'				
Altitude ...					51		920'			910'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						-100	8.94	4.69	2.04	5.67	
February ...							3.76	3.01	3.09	5.35	
March ...							5.66	2.70	4.62	2.80	
April ...							3.50	1.88	4.12	4.82	
May ...							3.72	4.36	.78	3.70	
June ...							2.35	3.70	3.68	3.54	
July ...							6.58	6.16	7.33	5.87	
August ...						-100	6.05	6.44	2.63	5.02	
September ...							6.03	3.02	7.40	1.40	3.82
October ...							6.37	6.89	3.94	5.93	6.55
November ...							1.10	3.23	2.66	9.37	6.83
December ...							7.05	9.95	10.23	10.46	7.28.
TOTALS ...						-100 inc mp.	62.65	57.17	55.43	60.75	
							D		D	D	

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 27/98/028

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