

RAINFALL at Isle of Man. Baldwin Res.

County of _____

Observer H. A. Bridge

River Basin _____

Boro Sunr.

Rain Gauge, by _____

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height											
Altitude ...											X110771
January ...											
February ...			179666								
March											
April											
May											
June	160957										
July											
August											
September...											
October....											
November...											
December...											
TOTALS...											

1915 - 1.23, entered +1.25.

1915. Barraghin 176' high 2 m to N.

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
1915..	54° 13'	4° 31'	Union Mills	5'	S	Marown	54	W.

RAINFALL at *Baldwin Reservoir (OLD)*

County of Isle of Man

Observer *H. A. Bridge, Esq.*

River Basin

A. Boothman, Esq. (CE '27)

M.O. Rain Gauge, by

T. C. Greenfield

Diameter ...	8										
Height	0.5										
Altitude ...	480										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January	5.54	6.13	7.58	4.39	7.49	3.47	7.31	4.39	10.20	3.77	7.15
February ...	2.00	1.16	5.61	6.89	1.45	5.65	5.93	3.32	4.11	2.72	.86
March	4.94	5.14	1.74	2.14	3.18	1.36	1.24	6.04	6.34	1.39	3.57
April.....	5.21	1.73	4.48	3.57	3.78	3.60	1.98	2.52	1.91	2.07	2.61
May	4.57	2.93	1.50	2.97	5.87	5.38	2.87	2.89	1.55	3.46	2.35
June	3.88	1.27	2.28	1.55	3.97	2.25	2.42	4.39	6.18	2.08	2.78
July	4.93	4.35	4.66	3.44	6.47	2.97	3.33	3.90	4.42	3.78	4.29
August	4.67	6.06	3.70	8.56	5.78	3.35	3.99	5.70	6.51	6.26	6.64
September...	4.06	2.86	5.19	4.73	8.47	4.99	3.06	7.00	3.18	1.09	6.81
October.....	5.54	3.19	1.50	8.38	4.20	6.60	3.93	5.83	11.78	8.71	9.22
November...	4.35	6.54	5.58	4.48	5.23	3.30	6.92	7.31	9.07	10.07	7.16
December...	9.40	4.62	6.32	6.67	8.37	5.44	1.44	3.29	6.50	10.45	9.06
TOTALS...	59.09	44.98	50.14	57.13	64.26	46.36	44.42	56.58	71.75	55.85	62.50

1926 - 1928 Received 11/23. altered 11/25

9/7/28 Inspected by W. Gallow see green file.

1929. Tele. adjusted by other gauge.

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
1922	54° 15'	4° 31'	Union Mills	5	S	Brown	5 1/2	W
1925			Crosey	2 1/2 M	SSW	St. Pancras	1 1/2 M	N.E.

RAINFALL at West Baldwin Reservoir (NEW)

County of Isle of Man.

Observer

Alan Boothman C.E.

River Basin

T. C. Granfield.

Rain Gauge, by

Diameter ...	ed						10.78	5		
Height	9						0.9	1		
Altitude ...	* 100							4.70		
Year	1920 -1928	1921	1922	1923	1924	1925	1926 1920 1927 28	1928	1929	1930 MEAN
January	5650	62	55	5455	-		6255	3.78	8.22	7455
February	36.12	39	48	484			3948	2.61	.89	4348
March	32.12	35	56	58684			3556	1.39	4.05	4100
April	28.78	31	86				3186	2.11	2.75	3672
May	30.53	33	78				3278	3.94	2.38	4010
June	25.19	27	84	88532	-		27.89	2.23	2.82	3294
July	32.47	42	59	58662			4259	4.01	4.82	5142
August	43.30	53	47				5347	6.52	6.84	6683
September	42.54	48	30				4820	3.34	1.22	5660
October	50.95	56	40				5640	12.78	10.04	7639
November	52.78	58	43				5843	10.58	11.09	7717
December	52.05	57	62				5762	7.16	11.49	7822
TOTALS...	49533		548 33				54833	60.43	66.66	67542

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929			Union Mills			Broadan.		

RAINFALL at West Baldwin Reservoir (old gauge) No. 1

County of Isle of Man Observer T. B. Greenfield, G.E.

River Basin.

Type of Gauge Standard.

Annual Average. ~~5.51~~ in. based on ~~11~~ years obs. ~~un-weighted~~. Period of average 1919-1922 Ref.

814474/27

Diameter	8"										
Height	1' 0"							0	10		
Altitude	480'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.26	4.60	6.47	6.89		7.55	5.24	6.20	7.55	6.81	
February	4.09	1.15	4.79	3.38		4.64	7.92	2.27	4.92	3.66	
March	1.12	2.45	3.77	4.08		2.98	3.90	2.19	4.59	5.86	
April	2.42	4.01	2.35	3.17		1.81	4.27	3.56	3.07	5.38	
May	4.39	4.54	2.40	3.54		3.23	2.21	6.56	1.13	1.75	
June	5.99	2.86	2.50	3.01		3.64	3.84	6.79	2.75	6.43	
July	3.90	3.71	2.90	3.86		5.94	5.25	6.50	5.73	4.76	
August	6.18	3.39	1.73	5.17		3.60	2.37	2.64	1.80	1.41	
September	6.06	5.18	1.52	6.09		5.86	3.29	4.48	2.98	4.28	
October	3.49	8.67	5.25	7.77		3.61	5.05	9.42	4.68	5.79	
November	15.44	2.81	2.97	3.89		6.61	2.94	6.90	6.38	8.13	
December	4.37	8.08	3.02	13.74		5.65	6.70	5.53	1.32	6.92	
TOTALS	65.71	50.45	38.67	67.59		54.92	52.98	69.04	49.90	56.18	
	NP	NP	NP	NP		NP	NP	NP	NP	NP	

1931. Nothing close, on side of hill.

1932. See min 42 ft from 4/21 "measured" after published, both records & the continued in order Baldwin City closed.

1933. Retained as an overlap with No 4418. NP overexposed.

1934. w/p check g. 1940 w/p check g.

1935 w/p check g.

1936 w/p

1937 w/p

1938 w/p

1939 w/p

Retains not required in w/p.

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

RAINFALL at West Baldwin Reservoir (new gauge)

County of Isle of Man Observer T.C. Greenfield, G.E.

River Basin

Type of Gauge Standard

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

Ref.

814474/17

Diameter	5"											
Height	1' 0"											
Altitude	470'			475								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	9.15	4.83	6.10	6.94	2.78	8.49	5.78	7.10	8.40	7.10	666.7	
February	4.62	.17	5.30	3.38	6.99	6.00	9.63	2.39	5.77	3.95	454.0	
March	1.09	2.57	4.24	4.62	1.96	3.51	6.42	2.48	6.19	6.12	382.0	
April	2.72	4.37	2.43	3.70	4.92	2.09	5.15	.69	3.72	5.75	355.4	
May	4.51	5.78	2.54	3.94	1.78	3.76	2.49	5.79	1.37	1.92	338.8	
June	6.13	3.14	2.70	3.37	4.27	4.02	3.96	7.85	2.90	1.54	398.8	
July	4.03	4.14	3.24	.94	2.05	6.82	5.58	7.17	6.05	5.38	453.6	
August	1.05	3.93	1.89	5.64	1.64	4.05	2.50	2.79	1.87	1.62	319.8	
September	6.26	6.09	1.88	6.49	6.98	6.25	3.48	4.69	3.10	4.55	497.7	
October	3.97	9.87	6.21	9.28	7.63	4.16	6.52	10.70	5.06	6.09	694.9	
November	15.81	3.21	3.42	4.83	8.53	7.57	3.32	7.48	7.07	8.58	698.2	
December	4.91	8.67	0.21	5.24	6.81	6.87	7.44	6.05	4.76	7.63	715.9	
TOTALS	69.2566.73	48.16.65.37	56.34	63.59	61.27	65.38	56.26	60.23	59758	KI		

1931. Nothing close. on fairly level ground.

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. 6418

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RAINFALL at West Baldwin Beacons.

County of Isle of Man.

Observer

TRANSPORTED TO
J.C. Greenfield B.Sc. I.O.M.W.Bd.

River Basin

WATER ENGINEER

Type of Gauge

Snowdonian

Annual Average 55.7 in. based on years obs. un-weighted. Period of average

Ref

File No. 314474/27

Diameter	5"			607	708						
Height	1' 0"					1					
Altitude	475'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.40	11.35	9.75	7.57	5.36	6.97	6.40	14.87	4.96	3.43	74.06
February	6.01	3.54	4.09	2.91	6.23	5.23	1.44	2.93	2.80	6.20	41.48
March	4.36	5.48	1.15	1.52	2.50	2.69	9.33	3.83	5.00	5.36	41.22
April	4.63	3.49	3.21	3.10	3.57	1.28	5.18	2.87	4.27	5.28	36.83
May	5.01	4.90	5.07	2.88	4.09	1.73	4.59	3.64	1.30	1.77	84.98
June	0.62	0.69	3.83	3.10	4.01	5.32	5.94	6.19	0.73	2.08	32.51
July	2.83	3.88	3.13	3.95	3.41	3.12	3.84	3.91	4.60	3.72	36.39
August	4.18	6.76	8.43	3.68	1.91	7.08	0.26	7.77	4.58	7.90	52.35
September	3.43	5.04	5.19	8.87	4.36	8.67	4.24	5.51	3.61	12.60	61.52
October	7.29	9.40	6.77	9.33	4.60	0.90	1.56	6.13	8.27	6.03	60.28
November	3.42	2.08	4.19	10.50	0.48	11.18	8.50	4.97	6.82	5.81	57.96
December	3.61	7.99	3.40	5.55	6.77	7.60	4.33	6.55	6.28	5.11	57.19
TOTALS	48.79	64.60	58.21	62.96	47.29	61.77	55.61	69.17	53.02	65.39	586.82

1941 Gauge on fairly level ground - nothing close.

586.82

* Held in General Tables in station. Origin unknown

1950. "Nothing close to gauge?"

46.88

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	Direction

Station No. 4418

RAINFALL at West Baldwin Reservoir

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County of Isle of Man

Observer T.O.M. Water R.A.

River Basin

Type of Gauge

S.B.H.D. - 1968

Annual Average 55.7 in. based on..... years obs. un-weighted. Period of average.

Ref.

4 59-88

1916-1950 P.

1950 Moltres close to gauge

July 1959 - 50 ft. of aircrete square box 3" of earth road it. Satisfactory exposure but young trees will overtake later. Tree 1000 - Buried bushes underneath but no new growth.

Position of Station on Ordnance One-Inch map:

No. of Men 87

National Grid Reference SC 358831

Position of Station on Ordnance One-Inch map :			No. of Map.....	National Grid Reference			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.

Summary of English Records from 10-mm Sheets

Summary of Earlier Records from 10-year Sheets:						
	1910-19	1920-30	1931-40	1941-50 ✓	1951-60	
Record D, or d	A. B. L. B. H. D. with 0.9 1910-70. 1929-30 D.	1928 inc. 1929-30 D.	D	D		