

RAINFALL AT *Treharris Service Reservoir*Lat.  $51^{\circ} 40' 5''$  N.Lon.  $3^{\circ} 18' 22''$  W. County of *Glamorgan*

Rain Gauge, by

Observer

*J. F. Harvey, Esq. C.E.*Probably old "battery" g. from Neuadd *24-6.*

Diameter ...									5		
Height .....									10		
Altitude ...									<del>765</del> 765	765	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									3.18	3.27	
February ...									2.49	.66	
March .....									5.31	4.43	
April .....									2.95	3.77	
May .....									2.84	1.80	
June .....									1.48	2.56	
July .....									3.95	2.56	
August .....									6.41	2.37	
September ..									3.97	4.26	
October ...									7.41	10.22	
November ..									3.60	2.09	
December ...									4.78	8.07	
TOTALS ...									48.37	46.06	

1908 Treharris Station GWR

RAINFALL at Treharris Service ReservoirCounty of FlaworganObserver J. F. Harvey Esq. C.E.River Basin Taff 6

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	1.0											
Altitude ...	<del>84</del> 765											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Taken	
January ...	7.76	1.82	5.79	9.15	3.78	5.32	6.21	1.51	5.65	7.75	21.12	✓
February ...	7.11	5.74	5.17	3.79	9.09	9.14	7.49	1.27	5.01	4.65	18.42	✓
March .....	1.88	1.91	9.91	9.53	7.97	1.30	2.32	3.16	3.06	6.15	15.39	✓
April .....	3.24	3.02	.24	8.33	2.83	1.93	2.11	2.08	2.68	2.36	9.23	✓
May .....	2.69	2.21	1.85	3.14	2.66	2.71	4.32	3.29	1.98	1.13	10.72	✓
June .....	5.79	3.51	6.76	2.27	2.15	1.32	3.49	2.85	1.52	1.60	9.46	✓
July .....	4.01	.35	5.38	.70	6.53	6.46	1.76	3.35	5.53	1.49	12.13	✓
August .....	6.62	3.43	10.61	1.98	4.35	2.38	4.64	10.97	3.56	3.86	23.03	✓
September ..	.28	2.92	1.22	3.54	3.21	1.13	2.46	4.21	12.52	2.37	21.56	✓
October ...	5.05	4.32	7.29	6.27	3.09	4.56	12.60	9.02	4.69	2.24	28.55	✓
November ..	6.73	8.11	3.72	7.52	6.90	3.51	5.62	3.74	4.42	3.54	17.32	✓
December ...	8.37	12.23	10.04	3.22	12.09	12.58	4.24	1.22	10.22	9.56	25.24	✓
TOTALS ...	59.53	49.57	67.97	59.44	64.65	52.34	57.26	46.67	60.84	47.40	212.17	BP
	D	D	D	D	D	D	D	D	D	D		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Treharris</u>					

RAINFALL at *Greahams Service Res.*County of *Glamorgan*Observer *L. F. Harvey, Esq., C.E.*River Basin *Taff - 6**A. J. Marshall Esq.*  
*Boro Esq. & John Tappin*vi-24 { *Snowdon* Rain Gauge, by  
*good condition & correct*  
*glass flat bottomed cover*

Diameter ...	5"												
Height .....	1.0						1.3						
Altitude ...	<del>865</del> 765												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930	1920-30 Totals	
January ...	8.75	8.02	4.51	3.50	6.69	4.60	9.24	6.30	12.28	2.16	11.93	81.28	
February ...	3.29	13	7.61	12.17	.48	9.73	4.94	4.68	6.78	1.15	.49	51.45	
March .....	6.12	6.84	5.89	2.45	2.55	1.10	1.24	4.92	6.01	.96	3.26	41.34	
April .....	8.51	.97	2.72	3.44	5.06	3.06	3.17	1.86	1.94	.46	3.78	34.97	
May .....	3.94	2.71	1.24	2.66	5.58	6.58	3.51	2.00	.53	4.45	2.54	35.74	
June .....	3.34	.86	1.05	.94	2.81	.00	2.11	4.30	3.92	3.68	1.80	24.81	
July .....	6.17	2.42	6.14	2.40	6.52	3.20	3.29	4.56	2.78	4.05	4.80	46.33	
August .....	2.21	4.91	3.98	5.58	6.12	6.20	4.49	7.42	3.73	3.72	5.09	53.45	
September...	3.47	2.94	3.38	4.84	9.45	4.87	1.57	6.81	1.19	1.30	4.99	44.81	
October .....	3.89	2.42	1.76	10.23	7.36	9.27	5.75	7.14	11.22	8.74	8.12	75.90	
November...	4.08	4.19	3.60	5.79	4.60	2.46	13.15	4.81	10.52	18.56	6.94	76.70	
December...	8.96	5.71	9.53	5.23	12.12	5.37	.42	3.43	6.97	15.39	6.87	80.30	
TOTALS...	62.73	42.12	52.01	59.23	69.34	59.44	52.88	58.23	67.87	64.62	60.61	649.08	
	D	D	D	D	D	D	D	D	D	D	D	D	

Inspected p. 20. vi-24 B. near small reservoir & further open towards the S + SE  
recommended moving nearer house to corner of reservoir near fall  
long grass. Excellent position here with adequate shelter.

1930. G. read in Wind 9 a.m.

Summa 9...

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

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
1926	51° 40'	3° 18'	Greahams	0.4 mi	S.S.E.	Greahams	0.23 mi	S.



RAINFALL at Traharris Service Reservoir.County of GlamorganObserver A.J. Marshall, G.E.River Basin 6- LeftType of Gauge SnowdonAnnual Average 52.2 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. S

+ 302785/34

Diameter	5											
Height	1 3											
Altitude	765											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1881-1915	
January	5.06	12.58	5.12	8.90	1.46	7.37	8.18	9.80	8.83	4.22	71.52	
February	4.20	0.4	4.68	.76	7.03	2.33	8.14	2.24	4.78	6.30	40.50	
March	1.75	3.49	4.40	4.24	.81	3.76	2.93	.39	2.78	4.82	28.37	
April	4.13	6.09	1.86	2.78	7.72	2.49	3.69	.28	3.97	3.66	35.67	
May	5.38	6.55	2.18	2.12	1.03	1.44	2.03	4.58	0.96	1.76	28.03	
June	5.08	2.01	2.42	1.55	6.45	6.61	1.50	3.73	4.01	.65	34.01	
July	5.82	4.83	3.94	1.05	1.12	8.90	2.66	4.19	13.05	6.65	52.21	
August	5.82	0.75	1.36	4.28	2.91	1.01	.69	4.65	3.14	.32	24.93	
September	2.26	6.31	1.64	4.50	10.43	3.66	2.71	2.31	0.80	2.19	36.81	
October	1.18	10.67	8.17	5.87	8.24	2.96	3.81	10.65	3.97	9.20	64.72	
November	13.40	3.92	1.20	2.26	8.66	7.44	2.80	9.61	13.00	13.73	76.02	
December	3.68	3.87	1.44	14.02	5.34	11.27	4.38	6.08	4.24	3.62	57.94	
TOTALS	56.76	60.11	38.41	52.33	61.20	59.24	43.52	58.51	63.53	57.12	550.73	37

1940. Jan &amp; Feb. par est'd.

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.			Traharris	0.4 m.	S.E.	Traharris	0.23 m.	S.

Station No. 4079RAINFALL at Treharris Service Reservoir

41

County of GlamorganObserver A. J. Marshall C.E.River Basin 6-TaffE. W. Mitchell Esq. (1946)Type of Gauge SnowdenD. C. W. Jones Esq. (1947)Annual Average 52.2 in. based on 16 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref SFile No. 302785/34

Diameter	5				489	613					
Height	1 3					1					
Altitude	765					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Treharris
January	3.82	5.19	10.51	6.23	4.00	8.86	5.11 (1.70)	12.98	1.31	1.20	59.21
February	5.56	3.4	3.54	.98	6.89	7.34	(3.00)	3.43	2.88	11.20	45.16
March	4.29	4.13	1.44	.48	5.31	2.76	(11.54)	2.81	1.52	3.38	35.66
April	1.48	2.73	1.56	3.65	3.34	1.22	4.69	2.97	5.00	2.60	29.24
May	3.22	7.23	5.63	2.42	4.15	4.25	2.78	4.01	5.35	2.42	41.46
June	2.67	.08	3.22	3.62	5.19	5.33	2.92	6.31	1.14	2.02	32.50
July	3.13	3.37	3.92	3.29	3.29	2.63	2.92	1.95	2.56	8.13	35.19
August	6.23	5.40	5.05	4.21	3.35	8.29	.48	7.26	2.79	10.37	53.43
September	1.07	4.86	5.68	6.22	4.79	9.12	2.54	5.82	3.31	8.38	51.79
October	7.06	2.82	4.94	7.31	5.92	.86	1.74	5.98	11.86	2.95	51.44
November	3.91	.45	3.99	10.99	1.06	11.96	6.31	2.88	6.21	5.77	53.53
December	5.90	8.05	3.30	4.03	8.79	6.35	4.53	8.79	5.49	3.84	59.07
TOTALS	48.24 5	44.65 2	52.78 2	53.43 2	54.08 2	68.97 2	47.20 48.56	65.19 2	49.42 2	62.26 2	547.68

1947 Feb. and mar. adjusted for snow.

1947 Amended 10/66

30004

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.

# Air Ministry, Meteorological Office

Station No. 4079

RAINFALL at Llechawys Service Reservoir

County of Glamorgan

Observer D.C.W. Jones Esq. C.E.

River Basin 6-Taff

Type of Gauge Standard

Annual Average 52.3 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. S

" " 55.99 " " 35 " " " 1916-50 " " " "

File No. 302/85 34

Diameter ...	5"				489	613						
Height ...	1'-3"					1					6.69 6"	
Altitude ...	765'					51					580'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	8.28	5.90	2.15	3.18	4.36	7.27	5.72	2.90	8.53	6.98		
February ...	6.50	1.22	2.27	(6.66)	2.74	0.38	6.21	5.76	.96	5.69		
March ...	5.80	3.93	(3.33)	5.78	2.48	1.69	4.78	1.93	4.64	2.86		
April ...	3.88	4.80	4.62	0.82	2.11	1.91	0.16	1.54	5.45	2.63		
May ...	3.38	5.98	4.31	3.06	6.20	1.52	1.75	3.99	1.45	1.73		
June ...	2.25	3.50	2.64	6.05	6.68	3.60	1.06	3.71	.73	3.23		
July ...	1.06	4.06	5.04	4.44	1.51	6.07	4.74	4.39	6.30	6.22		
August ...	7.19	7.68	6.88	5.63	1.52	5.32	3.74	3.98	.86	4.91		
September ...	5.87	4.16	6.21	8.54	2.33	5.75	6.98	10.43	.42	5.96		
October ...	1.50	6.97	4.12	9.56	4.22	2.11	2.99	7.35	6.17	7.63		
November ...	11.47	4.00	5.66	11.97	5.35	1.70	2.07	1.37	7.67	13.48		
December ...	9.56	5.14	2.00	6.55	7.63	6.61	2.60	5.07	10.60	8.16		
TOTALS ...	66.74	57.44	49.23	72.24	47.13	43.93	(48.20)	(52.42)	53.31	70.48		

1953. Mon. part adj.

1954. Jan, Feb corr. with Mf nearby SWS

1955. gauge "in open ground"

1957 n.p.b.s. large amounts omitted.

1958 " " " " " 9. "in open ground"

1959 n.p. unreliable.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 5731098975

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
1954			Llechawys	1 1/2 m S.	Llechawys	1/2 m. S

Summary of Earlier Records from 10-year Sheets:

1916 - 50 f accepted.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓ 33d	✓	
	✓	✓		✓ 42-5d 42-8d	