

RAINFALL at Rhondda Pontlluel Non Res 4086 Upp. g.

County of Glamorgan
River Basin Taff 6

Observer J.W. Foster Esq. C.E.

Rain Gauge, by

Diameter ...						5					
Height						1.6					
Altitude ...						1250					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS: Total 15
January ...						9.87	14.20	3.38	8.32	11.57	37.44 ✓
February ...						14.66	13.53	2.05	9.69	5.90	30.97 ✓
March						2.76	3.36	4.11	4.56	11.90	23.93 ✓
April						3.67	5.34	3.76	3.16	4.46	16.72 ✓
May						3.69	3.93	4.64	2.57	5.34	13.48 ✓
June						2.78	6.73	3.70	3.95	4.81	18.59 ✓
July						11.57	3.55	5.32	8.51	1.89	19.27 ✓
August						4.63	9.41	18.08	4.65	6.84	36.78 ✓
September ..						1.95	5.39	5.23	16.43	4.99	32.02 ✓
October ...						5.21	20.42	13.14	4.87	5.54	43.97 ✓
November ..						5.73	9.95	6.60	8.29	8.74	30.48 ✓
December ...						20.70	8.10	2.12	19.72	17.61	45.55 ✓
TOTALS ...						87.12	102.21	72.03	95.72	79.87	349.23 ✓

BP

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

RAINFALL at Rhondda, (Port Talbot) Wn R. 14086

County of Glamorgan

Observer J.W. Coats, Eng. C.E.

River Basin Taff - 6

26.83 miles sq.

Rain Gauge, by

Diameter ...	5										
Height	1.6										
Altitude ...	1250		1280								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-30 Total
January ...	16.42	16.34	8.85	7.73	11.06	10.73	15.47	10.77	23.47	3.12	16.44
February ...	6.83	2.7	14.58	18.00	.80	15.62	9.20	7.14	16.29	2.33	.95
March	10.52	13.03	8.82	3.11	4.24	1.34	2.74	9.15	8.54	2.40	4.24
April	13.11	1.54	5.47	5.91	7.84	5.35	4.78	3.16	2.85	.96	5.17
May	6.22	3.61	2.26	4.97	6.45	9.44	5.99	3.82	5.53	9.71	3.91
June	5.24	1.17	2.90	1.81	4.68	.06	3.86	6.49	8.78	6.72	4.18
July	10.47	5.89	10.72	6.00	9.28	5.27	5.20	8.44	6.26	8.28	8.24
August	5.21	10.16	6.40	9.28	11.87	6.82	10.85	15.24	8.54	8.63	9.66
September...	7.66	5.22	5.99	8.14	14.34	6.74	3.98	12.59	2.37	3.69	9.27
October.....	7.53	4.47	3.11	15.40	11.89	15.31	8.93	11.89	17.77	16.76	13.48
November...	7.18	5.80	4.50	8.98	6.48	4.70	16.87	8.38	18.82	30.21	13.37
December...	13.10	12.00	12.65	9.01	18.02	11.74	.29	5.01	11.82	23.17	10.31
TOTALS...	109.51	79.60	86.25	98.34	107.25	93.12	88.16	102.56	126.04	115.98	99.22
	0	0	0	0	0	0	0	0	0	0	X 13

Inspected 19/III/29. See green file.

Turf wall will be erected horizontal level 8ins above rim of gauge
8' in diameter at crest, inside walls nearly vertical & outside to have slope of 45°
1920. Turf wall erected round gauge as suggested by inspector see File 661409/26.

G. read in winter 9 a.m.

Summer 9 ..

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1925.	-		Maesteg	2 1/2 m. NW.		Maesteg	2 1/2 m. NW.	

RAINFALL at Rhondda (Elmet wen Reservoir)

County of Glamorgan.

Observer H.E. Meech, G.E. since 1934

River Basin 6-Taff.

Postponed to Rhondda Total Water Bd.

Type of Gauge.....

Annual Average 82.2 in. based on 2 years obs. un-weighted. Period of average 18.51 - 19.15 Ref. S

743514/27.

Diameter	5.											
Height	1.6.											
Altitude	1280											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		1931-40 Mean Total
January	9.56	21.86	10.92	12.21	2.66 (10.08)	12.76?	17.80	14.31	4.18	116.34		
February	8.57	.02	9.41	1.62	14.49	3.47	11.68?	5.57	4.52	9.22	72.57	
March	1.34	4.98	8.07	5.85	2.54	5.02	4.91?	2.13	4.28	8.70	47.02	
April	5.69	8.09	3.20	3.71	9.89	4.32	4.47?	.51	5.47	5.06	50.41	
May	5.94	8.46	2.31	3.05	2.39	2.22	2.89?	6.75	1.21	2.23	37.45	
June	9.99	2.92	8.77	2.77	10.00	5.88	3.81	7.21	7.81	.82	54.98	
July	10.37	8.18	7.88	1.66	2.05 (12.21)	4.23	7.28	18.03	8.57	80.46		
August	9.30	1.37	2.71	6.37	3.45	2.42	1.16	6.84	5.52	1.25	40.39	
September	3.59	11.83	2.94	7.72	10.24	5.22	3.97	3.55	1.80	4.97	60.13	
October	2.84	14.38	11.92	10.64	12.24	4.43	3.94	17.05	6.15	12.19	96.78	
November	19.48	8.57	2.21	3.05	11.51	9.85	4.31	15.85	21.50	20.48	116.81	
December	6.81	6.43	2.22	22.33	4.94 (15.80)	6.29	9.62	5.90	8.39	88.73		
TOTALS	93.48	96.39	67.56	79.18	91.40 (80.92)	64.42	100.16	101.50		87.06	862.07	188

1936 Jan. July + Dec. adjusted by surrounding stations.

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
1931.			Hawdry	2½ m.	N.W.	Hawdry	2½ m.

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

Station No.

4086

RAINFALL at Rhondda (Pontypridd & Rhondda Joint Water Board)

41

County of Glamorgan.

Observer Pontypridd + Rhondda Joint

River Basin b-Taff

Water Board

Type of Gauge

Annual Average 89.2 in. based on 9 years obs. un-weighted. Period of average 1881 - 1915 Ref. S.

File No. 742514.27

Diameter	5		490	491							
Height	16				1	1 ¹ / ₂ "					
Altitude	1280				44						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.81	9.22	16.32	13.61	8.46	18.01	8.78	22.81	4.44	4.64	110.30
February	9.71	1.34	7.17	2.99	16.29	12.85	2.50	8.06	5.57	17.16	83.64
March	6.10	7.16	2.74	.77	6.71	3.76	14.05	7.61	3.60	7.62	60.12
April	2.42	4.66	3.70	5.79	5.53	2.74	9.47	4.90	8.76	7.22	55.19
May	5.38	12.03	11.02	4.53	7.55	4.25	3.24	6.60	7.77	3.41	65.78
June	2.73	6.66	9.13	5.92	9.00	10.42	4.13	10.98	1.39	4.83	59.19
July	5.29	7.85	8.34	6.14	6.48	6.29	6.05	4.17	3.62	10.65	64.88
August	11.89	10.32	10.73	7.37	5.46	14.20	.76	10.86	5.22	15.59	92.40
September	7.71	7.56	9.19	9.98	8.85	17.43	5.15	11.11	3.31	17.09	90.38
October	9.73	10.80	8.27	13.31	10.57	1.80	2.73	8.41	15.08	6.42	87.12
November	7.20	1.78	6.21	17.16	1.33	18.79	13.36	6.06	11.25	12.01	95.15
December	10.82	15.81	4.98	9.12	12.15	9.82	10.71	17.07	14.37	4.54	109.39
TOTALS	75.79	89.19	97.80	96.69	98.38	120.36	80.93	118.64	84.58	111.18	973.54

XBP

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	Parish Church.	Distance from gauge
1941			Maerdy	2 ¹ / ₂ mi	N.W.	Maerdy	2 ¹ / ₂ mi N.W.

Air Ministry, Meteorological Office

Station No. 4086

RAINFALL at Rhondda (Rhust Wan Res).

County of Glamorgan.

Observer Pontypridd - Rhondda Joint W.Bd.

River Basin 6-Taff

Type of Gauge

Annual Average 89.0 in. based on 9 years obs. yr-weighted. Period of average 1881 - 1915
 " 94.02 " 35 " " 1916-50 " " 1916 - 50
 File No. 743514/27 P

Diameter ...	5"			490	497						
Height ...	1-0"					1					
Altitude ...	1280'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	13.39	10.71	3.46	6.13	8.04	13.30	19.78	10.28	11.89	19.48	107.61
February ...	9.50	2.35	4.40	10.78	4.25	1.23	10.60	11.76	.79	10.37	66.03
March ...	8.57	7.69	8.04	8.80	5.05	5.44	13.97	1.58	8.37	4.00	71.51
April ...	9.63	6.15	6.49	3.37	6.16	2.14	0.98	2.81	7.58	6.77	52.08
May ...	3.89	5.32	5.64	5.98	9.54	3.11	4.26	7.17	2.55	1.92	49.61
June ...	4.33	5.66	6.30	10.4	10.85	5.12	1.70	5.87	3.82	5.59	59.55
July ...	2.74	4.32	13.92	9.71	2.80	8.39	8.89	9.42	8.23	10.65	79.07
August ...	13.67	10.07	8.62	9.65	2.13	10.35	6.92	8.93	2.65	7.97	80.46
September ...	9.31	4.81	10.98	14.80	4.10	10.31	14.23	15.21	.66	7.58	91.94
October ...	2.17	9.74	5.96	22.45	6.30	4.02	12.78	12.41	11.12	12.41	97.36
November ...	17.42	5.07	12.26	18.67	8.30	3.76	4.05	4.43	13.99	23.38	111.32
December ...	13.61	7.74	5.08	11.47	14.83	12.44	8.53	9.01	22.67	13.36	116.14
TOTALS ...	108.23	79.53	89.14	132	2282.38	79.61	106.69	98.88	93.21	112.48	982.37

No 9 imp.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference SN32195005

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge

Summary of Earlier Records from 10-year Sheets:

1916 - 50 P accepted.

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C1915 1915+17 blank	✓	✓	✓	✓