

RAINFALL AT *Dowlais Gwernllwyn*

Lat.

Lon.

County of *Glamorgan**Gaff - 6.*

Rain Gauge, by

Observer *R. C. Harrison Esq*

Diameter								5			
Height								19			
Altitude								1085 ft			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								# 2.30	1.78		
February67	.76		
March								1.87	5.02		
April								1.56	2.06		
May								1.62	2.92		
June64	4.48		
July								2.05	6.55		
August								2.73	# 4.04		
September....								5.41	1.69		
October.....								2.34	4.84		
November....								3.78	2.08		
December								3.15	2.86		
TOTALS . . .								28.12			

Dowlais Church 267 yards W.S.W.
Hot House 27 - N.N.E.

RAINFALL AT *Dowlais Gwerllwyn*

Lat.

Lon.

County of *Glamorgan*

Rain Gauge, by

Observer *R. C. Harrison Esq*

Staff - 6.

Diameter	5			5							
Height	1-9			1-9							
Altitude	1055			1035							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.76	6.04	2.65	3.80	7.24	6.40	1.82	3.27	2.07	9.81	5.286
February	1.81	.14	3.23	8.88	5.68	.10	1.33	4.15	3.49	7.04	3.585
March	3.72	2.53	1.46	.77	4.94	5.27	6.05	7.87	1.69	2.22	3.652
April	1.80	3.29	1.53	.26	3.65	3.30	1.06	4.76	3.64	6.26	2.455
May	2.92	5.25	2.28	4.83	3.45	1.23	.14	1.87	4.23	4.30	3.060
June	2.92	3.00	2.77	2.77	2.79	1.32	2.24	3.77	2.51	1.63	2.572
July	2.68	2.75	2.83	4.33	5.89	6.95	2.92	2.29	1.02	.90	3.256
August	4.24	8.71	5.59	4.45	5.14	5.55	2.50	7.66	4.82	2.25	5.091
September....	2.99	3.33	5.06	2.89	2.15	1.96	9.13	5.79	1.78	3.82	3.890
October	2.79	12.11	4.86	5.01	8.54	4.20	6.00	3.44	7.54	4.16	5.860
November....	6.77	5.49	4.26	3.53	8.55	11.56	1.60	5.03	5.40	5.73	5.792
December36	10.56	3.04	8.74	5.02	6.11	9.71	13.34	8.76	4.33	6.997
TOTALS ...	42.76	63.30	39.56	50.26	63.04	53.95	44.50	63.24	46.95	52.45	52.001

Dowlais Church 267 yards W.S.W

Hot house 115 ft. high 27 " N.N.E

*A tracing sent shows gauge to be thoroughly well exposed
1900 Jan 12 Gauge 10.84 ft above sea.*

RAINFALL AT *Dowlais Gwentilly*

Lat.

Lon.

County of *Glamorgan**Snordon*Rain Gauge, by *H. J.*Observer *R. C. Harrison Esq**Sept - 6.*

Diameter ..	5										
Height	1 6										
Altitude ..	1084 π					1071 π					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.35	6.44	3.08	8.32	9.41	1.52	9.05	2.74	3.35	2.87	53.13
February ..	9.54	2.36	3.01	5.46	8.44	1.80	4.03	2.51	2.80	1.04	40.99
March	1.44	4.85	3.23	9.35	2.82	6.91	3.34	2.50	5.66	5.95	46.05
April	2.70	5.37	3.46	2.67	3.14	5.86	1.30	5.53	3.49	4.54	38.06
May	3.27	1.50	2.84	4.72	2.70	.28	3.57	4.00	3.15	2.34	28.37
June	3.87	2.74	3.75	2.73	1.87	3.34	2.03	5.23	1.17	3.80	30.53
July	2.39	1.76	2.22	2.45	3.63	1.37	1.28	4.77	4.23	3.16	27.26
August	6.40	4.37	3.50	8.18	3.72	7.71	3.45	4.17	7.34	2.50	51.34
September ..	1.90	4.07	3.06	6.23	2.43	2.80	1.81	1.19	3.58	4.56	31.61
October	8.12	3.46	4.18	15.89	2.07	2.88	8.41	8.96	6.27	11.86	72.10
November ..	6.43	3.38	6.14	2.66	3.95	5.59	5.52	3.42	4.22	2.08	43.39
December ..	10.60	8.61	4.37	5.31	4.45	1.40	2.83	7.48	6.03	11.02	62.10
TOTALS ..	63.01	48.91	42.84	73.97	48.63	41.46	46.62	52.50	51.27	55.72	52.40

1900 January 1st Gauge moved 280 yards E.S.E
Dowlais Church 520 yards W.S.W
Hot Houses 9 ft high 69 ft N.S.W
1903 Dowlais Station G.W.K 200 yards E
1905 Jan 1st Gauge moved 22 yards S

RAINFALL at Dowlais GreenllwynCounty of GlamorganObserver J. C. Harrison EsqRiver Basin Jaff 6Snodden Rain Gauge, by N+Z

Diameter ...	5											
Height	1.6											
Altitude ...	1071 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	7.50	1.47	7.60	7.14	2.31	4.08	4.23	1.90	4.32	7.16		
February ...	8.66	4.84	4.41	2.50	6.19	7.75	8.20	1.17	3.81	3.83		
March	2.01	1.86	9.81	6.32	6.46	.77	3.07	4.01	2.87	6.09		
April	3.95	2.43	.60	7.77	1.42	1.07	2.38	2.06	2.18	1.94		
May	2.14	1.74	1.73	2.64	2.09	1.97	3.55	3.62	1.87	1.21		
June	6.25	3.27	6.98	1.85	1.96	1.51	2.61	2.95	1.40	1.52		
July	4.28	.33	4.77	.77	4.68	5.69	1.37	2.89	5.07	1.63		
August	5.18	2.69	9.36	2.40	2.42	2.65	5.63	9.91	2.73	3.84		
September38	3.63	.85	2.92	2.09	1.23	2.72	3.28	11.04	2.59		
October ...	4.91	4.82	4.51	5.45	3.12	4.63	12.81	6.51	3.45	2.30		
November ...	6.90	8.40	2.81	5.87	4.70	3.96	6.39	3.03	5.49	3.59		
December ...	12.15	16.41	6.36	2.07	6.77	13.22	3.76	.96	9.07	11.41		
TOTALS ...	67.31	51.89	59.79	47.70	44.21	48.53	56.72	42.29	53.30	47.63	51.937	
	2	2	2	2	2	2	2	2	2	2		

1910 Obs says gauge all right + not sheltered

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51.46	3.21. W	Dowlais GW+R.R.	190 yds	N.E	Dowlais	600 yds	WNW

RAINFALL at Dowlais, (Gwentllwyn.)County of GlamorganObserver R. C. Hartley, Esq.River Basin Taff - 6% Guest Keen & Neill, Ltd.C.C. Blower90 brass. British (G.K.B.) 20" x Steel Coy. Ltd.Shawdon Rain Gauge, by W. G. G.Dowlais, Glam.

Diameter ...	5"											
Height	1.6											
Altitude ...	1071											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1930.
January ...	8.43	7.20	5.21	3.19	4.40	4.68	8.69	6.96	10.72	2.69	10.56	
February ...	2.70	2.5	5.19	13.98	3.1	7.84	4.80	5.16	5.93	1.91	8.0	
March	7.49	6.24	4.23	1.70	2.10	8.3	1.08	5.66	6.10	.82	3.69	
April	10.05	1.09	3.47	3.29	4.27	2.36	3.09	1.80	2.00	.59	5.36	
* May	3.33	1.53	1.23	2.65	4.04	4.13	2.85	2.35	1.01	4.48	2.50	
June	3.51	4.2	1.00	.65	1.99	.00	2.63	4.26	4.38	3.63	1.34	
July	6.40	1.70	5.12	2.83	5.86	2.82	2.94	6.06	2.34	3.89	4.05	
August	1.91	3.22	3.38	3.81	4.97	5.58	4.56	8.32	4.48	2.60	7.10	
September...	5.05	2.40	3.50	4.73	6.96	4.28	2.05	6.62	1.46	1.53	6.76	
October	5.70	2.10	1.70	7.44	5.56	7.87	4.82	5.30	12.27	8.84	8.47	
November...	3.44	3.82	2.19	3.62	3.31	3.18	13.47	4.68	9.76	17.12	6.93	
December...	7.96	2.97	6.92	4.00	7.20	4.72	.37	3.37	5.56	15.95	6.34	
TOTALS...	65.67	32.94	43.14	51.89	50.97	48.29	51.35	60.55	66.01	64.05	63.90	
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	

G. read in Winkles G.A.M.

Summer

Position of Station on reduced Ordnance Survey } No. of Map _____
Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 46'	2° 21' W	Dowlais ^{at the} _{G.M.O.}	190 yds	N.W.E.	Dowlais	600	W.N.W.

RAINFALL at *Dowlais (Gwerllwyn)*County of *Glamorgan*Observer *C. R. Kewer. Jan 1934*River Basin *6 - Taff**W. yddan Llanidfa (1934)*

Type of Gauge

Annual Average *51.4 in.* based on *35* years obs. un-weighted. Period of average *1881-1915* Ref. *S**175480/32*

Diameter	5										
Height	1.6										
Altitude	1071										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.65	10.98	5.92	5.40	9.9	7.78	8.48	(8.23)	8.90	3.42	6480
February	4.14	08	4.77	.46	5.60	2.31	5.69	2.40	4.36	4.69	3650
March	.92	3.89	4.32	3.77	1.29	3.83	2.49	.83	2.34	4.28	2796
April	4.01	4.44	1.25	3.40	5.87	2.45	2.26	.17	3.92	5.01	3278
May	4.25	6.01	1.96	1.94	1.25	1.27	1.27	4.17	0.86	1.77	2475
June	4.62	2.60	2.33	1.51	5.36	3.20	1.24	3.14	3.07	1.31	2840
July	5.02	4.85	3.21	1.16	.78	7.92	2.99	4.59	11.90	5.07	4749
August	5.80	0.99	0.89	4.08	1.50	.50	.67	3.93	3.22	.35	2193
September	1.98	5.56	2.50	3.05	7.32	3.82	1.92	2.06	1.10	2.70	3201
October	1.39	9.45	7.66	5.15	5.54	2.98	3.35	7.54	5.31	8.10	5647
November	(2.37)	3.34	1.37	2.51	7.09	6.52	1.85	8.46	11.31	10.82	6464
December	3.02	4.00	1.79	11.37	4.72	7.95	2.68	6.32	2.51	3.26	4762
TOTALS	(52.17)	56.19	37.97	43.80	47.31	49.53	34.89	51.91	58.20	50.78	48335

931. Nov. estimated by surrounding stations.

1937 n/p low.

1938 Jan. adjusted by surrounding stns.

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	Direction
			<i>Cae Harris Stn</i>	$\frac{1}{2}$ m	<i>N.</i>	<i>Dowlais</i>	$\frac{1}{2}$ m	<i>N.W.</i>

Station No. M. 4088RAINFALL at Dowlais (Gwersallwyn)

41

County of GlamorganObserver A. J. Adams Esq.River Basin 6 - TaffA. J. Adams Esq. (1946)

Type of Gauge.....

Annual Average 51.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 175480/22

Diameter	5"			489	382						
Height	1' 6"			1' 0"		1' 0"					
Altitude	1071				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.36	5.25	11.34	6.71	3.71	7.76	5.15	12.25	2.02	1.44	58.99
February	5.14	7.5	3.53	1.30	6.81	5.14	1.13	3.14	2.87	10.04	39.05
March	3.57	4.85	1.11	.37	1.92	1.80	8.73	2.85	2.71	3.63	315.6
April	1.06	3.28	1.69	3.13	2.37	1.45	3.21	3.50	4.77	3.53	30.29
May	2.96	8.04	5.65	3.56	4.16	4.48	2.86	4.20	4.68	3.24	63.83
June	2.02	.11	4.00	3.59	4.82	5.47	2.89	6.07	.82	2.65	32.44
July	2.22	3.61	3.16	3.52	4.76	2.52	3.26	1.89	1.01	6.10	320.5
August	6.62	7.16	4.49	4.98	4.87	9.11	.43	6.02	3.30	9.20	56.18
September	.92	4.10	4.93	5.20	4.05	8.01	2.45	4.90	2.84	6.82	45.22
October	9.18	4.24	5.27	8.34	6.53	1.49	1.49	5.50	10.55	2.82	55.41
November	4.79	.89	4.55	9.48	.84	12.01	5.84	2.62	6.73	6.71	54.46
December	4.64	8.72	3.02	5.08	9.31	6.23	4.90	11.84	5.93	3.43	63.10
TOTALS	46.48	51.00	52.74	55.26	54.15	65.47	44.34	64.78	49.23	59.91	543.36

1945 - Record thought to be some 4" low but accepted, pending inspection of site.
 1945 - Change of authority

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

Air Ministry, Meteorological Office

RAINFALL at Davlaia (Gwernllwyn) Station No. 4088 m.
 County of Glamorgan Observer A. E. Adams Esq.
 River Basin 6-Laff
 Type of Gauge _____

Annual Average 51.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 5
 " " 54.14 " " 18 " " " 1938-55 " 1916-50 " 5
 File No. 75480/32

Diameter ...	5"				489	352						
Height ...	1'-0"					1						
Altitude ...	1071"					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	6.61	5.34	1.73	3.49	4.30	8.24	6.90	5.03	7.27	7.02	5593	
February ...	6.34	1.61	2.44	5.25	(2.42)	5.69	8.30	8.77	.58	6.35	4275	
March ...	5.36	3.36	3.57	4.79	3.45	2.80	6.28	1.79	6.86	2.91	4117	3505
April ...	4.32	4.01	3.89	1.07	2.01	1.91	0.22	1.40	5.66	4.12	2861	3212
May ...	3.50	4.87	3.64	3.49	5.90	1.29	2.99	5.22	2.14	2.01	3505	
June ...	1.25	3.81	3.22	6.63	6.61	3.10	160	4.80	2.97	2.35	3634	
July ...	1.60	3.37	5.64	3.93	0.49	5.53	5.55	4.39	5.47	5.49	4146	
August ...	6.24	7.58	5.66	6.32	1.15	5.93	4.70	4.84	1.15	5.15	4922	501
September ...	4.95	3.62	6.04	7.10	2.38	6.10	8.12	9.58	.21	5.03	5343	521
October ...	1.33	7.57	4.50	9.05	4.37	2.16	4.61	6.91	5.49	7.46	5545	
November ...	11.88	(3.89)	4.97	13.61	6.40	2.31	3.18	(3.80)	8.99	13.45	7248	
December ...	6.27	4.87	1.94	5.39	7.64	8.14	6.16	5.89	13.57	7.45	6726	
TOTALS ...	59.65	53.90	47.24	70.12	47.12	48.20	58.61	62.42	60.30	71.29	57885	

962. Nov. 1" added. Snow estimate.
 1955. Feb. adj.
 1958 Nov. pass 2" low
 No guss
 00024

20004

X 00024 ?

Position of Station on Ordnance One-Inch map: No. of Map _____ National Grid Reference 507079

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓ 1927 n.p.	✓	