

RAINFALL AT *Cardiff Landough C.W.V.*

4056

70

Lat.

Lon.

County of *Glamorgan*

Rain Gauge, by

Observer

Owen Gooch

opposite S.

Diameter.										5	
Height.										1	
Altitude.										110	
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.								<i>#</i> 5.76	1.74	3.77	
February.								3.09	2.96	5.23	
March.								2.51	1.46	1.03	
April.								2.80	4.16	2.87	
May.								1.84	4.32	2.83	
June.								1.57	3.06	5.98	
July.								5.01	1.54	4.61	
August.								5.85	9.73	6.98	
September.								3.60	3.49	4.20	
October.								4.60	6.57	1.48	
November.								7.03	3.42	.41	
December.								3.32	2.38	2.10	
TOTALS.								46.98	44.83	41.49	

3 miles S of Cardiff.

RAINFALL AT *Corys Hill* 4056 *Llandough*

Lat. _____

Lon. _____

County of _____

Rain Gauge, by _____

Observer *H. Bosch, Esq. C.E.*

Wm. - 5.

J. A. B. Williams, Esq. C.E.

Diameter	5			8	5						
Height	1.0	0.9		1.							
Altitude	110	11		122	11						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	85	95	270	522	549	334	471	239	173	125	2869
February	3.41	4.04	250	329	352	333	83	109	73	158	2438
March	2.02	3.66	189	43	306	136	341	215	411	310	2519
April	2.13	1.32	609	74	147	240	258	129	153	320	2275
May	1.17	3.00	221	178	281	367	584	201	128	214	2591
June	2.10	3.67	454	282	222	259	89	56	357	38	2329
July	5.47	2.43	573	332	391	70	360	177	633	448	3774
August	40	7.47	695	194	304	236	179	237	317	378	3327
September	3.65	2.46	257	637	219	653	331	377	124	168	3407
October	4.72	3.12	1174	448	139	613	574	280	198	262	4472
November	3.36	4.72	547	627	202	497	488	325	683	157	4336
December	6.82	4.95	517	228	561	142	602	336	304	249	4116
TOTALS	36.10	41.79	5778	3894	3673	3882	4360	2681	3554	2842	38453

1880 *Llandough*

560 yards

N.W.

RAINFALL AT *Bardiff Logan Hill Landongl*

Lat. _____

Lon. _____

County of *Glamorgan*

Rain Gauge, by _____

Observer *J. A. B. Williams Esq. C.E.*
*C. H. Priestley Esq. C.E.**ogmore &c - 5.*

Diameter	5										
Height	10										
Altitude	122 ∇										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.26	3.29	1.66	1.65	2.90	3.56	.99	1.87	1.71	5.98	2.787
February ....	.47	.10	1.74	5.72	3.84	.07	.92	4.61	1.94	3.62	2.303
March	1.22	1.26	.81	.19	3.48	3.53	4.52	3.84	1.48	1.25	2.158
April	2.34	1.65	1.60	.19	1.74	1.95	.80	3.98	1.50	4.40	2.015
May	1.62	3.53	1.26	2.24	2.55	.46	.25	1.21	3.67	2.33	1.912
June	2.11	1.81	1.82	.41	2.45	.78	2.11	3.26	1.65	1.07	1.744
July	3.15	2.24	2.65	4.41	3.95	4.95	1.48	1.77	.74	1.37	2.671
August	3.15	6.72	4.15	2.34	4.19	3.71	2.49	7.00	3.17	1.45	3.827
September	1.19	2.73	3.61	2.15	2.05	1.45	9.08	5.61	2.31	3.11	3.329
October	1.95	6.00	2.42	5.85	4.65	4.06	4.24	1.60	6.26	2.97	4.000
November	3.87	3.81	3.11	2.21	4.82	3.79	1.00	2.68	4.23	2.69	3.221
December ....	.98	5.81	2.27	3.61	3.68	4.17	6.23	5.29	4.28	3.12	3.944
TOTALS	26.31	38.95	27.10	30.97	40.30	32.48	34.11	42.72	32.94	33.36	33.924

RAINFALL AT *Cardiff Cogan Hill Llandough*

Lat.

Lon.

County of *Glamorgan*

Rain Gauge, by

Observer *C. H. Priestley Esq. C.E.**Oymore R.C. - 5.*

Diameter ..	5										
Height	1.0										
Altitude ..	122 R										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.91	1.66	2.10	4.86	4.28	.68	6.86	2.48	3.40	1.94	3.217
February ..	5.88	.68	1.21	2.09	5.88	1.08	3.02	1.68	2.41	.81	2.474
March ....	.97	1.58	2.52	5.70	2.09	6.37	2.15	1.31	2.98	4.23	2.990
April	1.66	3.84	2.02	2.63	1.50	2.63	1.27	3.14	2.55	2.26	2.350
May	1.59	.72	1.77	3.17	3.20	.14	4.55	2.45	1.49	1.83	2.091
June	1.72	2.90	2.25	2.25	.77	3.60	.76	3.80	.33	2.48	2.086
July	1.05	2.81	1.93	4.49	4.37	.84	.99	2.78	3.34	3.36	2.596
August	3.26	3.58	3.46	5.85	3.30	4.39	1.15	3.50	6.75	3.18	3.842
September ..	1.17	3.08	3.00	4.10	3.78	1.52	6.84	.86	3.12	3.57	3.104
October	5.80	2.58	3.45	10.31	2.69	2.41	4.37	6.53	2.72	6.66	4.752
November ..	4.51	1.13	4.03	2.45	3.31	3.84	4.37	3.10	1.79	1.85	3.038
December ..	5.81	6.40	3.47	3.90	3.33	2.05	2.55	7.01	3.20	6.85	4.457
TOTALS ..	38.33	30.96	31.21	51.80	38.50	29.55	38.88	38.64	33.08	39.02	36.997

Hick

RAINFALL at *Cardiff Cogan Pill Llandough*

County of *Glamorgan*

Observer *C.H. Priestley Esq. C.E.*

River Basin *Ogmore & C 5*

Rain Gauge, by

10

4056

Diameter ...	5											
Height	1 0											
Altitude ...	121 π											
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Mean Totals	
January ...	4.40	1.66	5.08	7.19	1.69	4.12	2.89	1.06	4.70	4.59	13.04	✓
February ...	5.27	4.31	3.09	1.09	3.09	4.37	5.39	1.33	2.00	2.82	11.54	✓
March .....	.69	2.71	6.66	5.17	6.62	1.56	3.06	2.58	2.10	4.08	11.82	✓
April	2.83	2.50	.44	4.42	2.53	1.38	1.75	2.02	1.44	1.62	6.83	✓
May	3.24	.96	2.25	2.61	2.21	2.60	4.01	2.54	1.26	.70	8.51	✓
June	5.18	2.72	5.96	2.21	2.57	1.42	3.04	2.04	1.11	1.62	7.81	✓
July	2.83	.20	3.46	.62	5.67	4.80	1.72	2.15	5.90	1.93	11.70	✓
August	5.76	2.40	9.52	.98	3.49	1.40	3.64	7.24	2.49	1.67	15.04	✓
September ..	.18	2.23	.69	3.08	3.29	1.33	2.63	2.03	9.14	1.81	15.61	✓
October ...	5.27	4.02	5.51	4.83	2.03	4.10	7.35	5.99	2.24	1.93	17.51	✓
November ..	6.54	5.77	2.84	4.56	5.08	2.19	2.66	1.92	2.54	2.49	9.61	✓
December ...	5.72	8.39	7.50	1.97	7.11	8.15	3.27	1.02	5.91	5.85	16.05	✓
TOTALS ...	48.11	37.87	53.00	38.72	45.38	37.42	44.41	31.92	40.83	50.91	145.07	✓

BP

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

RAINFALL at Cardiff. (Coastal Purvis Station)County of GlamorganObserver C. H. Priestley, Esq., C.E.River Basin Ogmore - 5

1926. H. J. Peters Esq.

 VI-24 { Catherton Rain Gauge, by Casella
no 4734
Camden 840 1444

Cardiff W.W.

 inner
 good condition
 except for leak in funnel.

Diameter ...	5"											
Height	1.0											
Altitude ...	121											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930	1920-30 Totals
January ...	3.99	3.95	2.98	1.88	5.63	3.92	6.43	5.07	8.80	1.80	5.64	50.09
February ...	2.69	1.3	3.39	6.34	.43	5.70	3.02	3.34	4.62	1.53	.63	29.82
March	3.12	2.44	3.24	1.31	1.61	.26	.72	4.17	4.10	.73	2.48	24.18
April	3.62	.56	2.72	2.31	3.34	2.61	2.07	1.96	1.69	.43	2.62	24.13
May	2.86	1.93	1.23	2.41	2.96	5.04	2.02	2.06	.55	3.35	1.52	27.93
June	2.75	.12	1.05	.56	3.09	.12	1.96	3.81	2.55	2.37	.83	19.21
July	4.51	.94	3.31	2.24	7.22	3.55	2.27	4.45	2.56	2.40	3.01	36.44
August	2.31	2.66	3.37	2.34	7.14	6.76	4.44	5.17	3.07	4.12	4.66	46.54
September...	2.53	3.35	2.31	2.87	6.56	5.56	2.14	7.29	.61	.64	4.55	38.41
October	2.77	2.05	.84	6.94	6.86	6.37	4.51	3.65	6.67	6.84	4.41	51.91
November...	1.87	2.38	1.56	3.62	3.71	2.53	7.88	6.24	5.11	10.59	5.55	51.04
December...	2.80	2.09	4.51	4.17	6.39	4.21	.29	2.65	4.62	7.90	4.43	45.06
TOTALS	34.82	22.60	30.51	37.49	57.14	46.63	37.75	49.86	44.95	42.70	40.33	444.78

1922 (now through; should be about 35 inches.)

Inspected by H. J. Peters Esq. near reservoir on side of hill. Exposure very good. Trees at convenient distance away to S.W. The reservoir is to S.E. of the drop for some considerable distance in this direction is only 2". Beyond this the drop is considerable. The loss can only be due to (1) the leak (2) the trees to S.W. I hardly think (2) is likely. Nevertheless I close a position a little further away from the trees.

 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

RAINFALL at Cardiff (Cogan Pumping Station)County of GlamorganObserver N.J. Poles, G.E.River Basin S. Ogmore & C.H.W.B. Conzant, Esq. C.E. (1938)

Type of Gauge

G.W. Cover, Esq. C.E. (1939)Annual Average 37.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 3660558/26

Diameter	5.											
Height	1.0											
Altitude	121	117		121	121		117		121			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	3.76	5.95	5.19	2.96	.92	4.61	5.18	5.60	6.41	3.48	41.96	
February	3.40	.00	4.73	.63	3.98	1.58	6.95	1.83	2.74	3.17	29.01	
March	.96	1.97	3.60	1.86	.97	3.39	3.76	.65	1.23	3.27	21.66	
April	2.86	4.10	1.91	2.68	5.34	2.38	4.29	.16	3.15	2.98	30.95	
May	7.75	4.36	2.24	1.48	1.14	2.08	2.51	2.77	0.99	2.00	27.32	
June	4.39	1.31	2.09	1.79	3.39	4.05	1.20	1.42	2.23	.70	22.57	
July	4.82	3.69	2.50	2.44	.38	3.54	3.15	2.98	6.93	4.28	39.71	
August	5.08	1.40	2.02	3.55	2.27	1.30	.72	4.20	4.16	.27	24.97	
September	1.86	5.15	2.06	4.15	8.55	3.67	2.05	1.92	0.66	1.87	31.84	
October	1.14	7.95	4.25	2.41	6.48	2.21	4.42	8.06	3.20	5.59	46.81	
November	4.97	2.33	0.86	1.90	6.35	4.23	2.21	6.11	9.39	9.35	47.70	
December	2.85	2.30	1.91	10.60	3.65	4.24	1.90	5.09	3.19	3.38	39.11	
TOTALS	40.33	43.84	40.51	31.36	37.45	43.42	42.18	38.44	40.79	44.28	403.34	403.61

S. moved 30' W. NW 1/10/32.

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
			Cogan	$\frac{3}{8}$ m	S.E.	Cogan	$\frac{1}{2}$ m	S.S.E.

Station No. TF 4056RAINFALL at Cardiff (Logan Pumping Station)

41

County of GlamorganObserver G. W. Cover Esq. C.E.River Basin S. Ogmore & C.

Type of Gauge

Annual Average 37.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 660.558/26

Diameter	5				491	614					
Height	10					1					
Altitude	121					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1881-1915
January	4.07	5.04	6.82	3.93	4.09	4.24	3.57	8.12	1.44	1.53	42.85
February	3.62	2.6	1.88	1.30	5.42	3.27	1.28	2.47	1.96	6.50	27.96
March	2.48	2.34	1.44	.52	1.45	1.22	6.46	1.45	1.86	1.98	21.20
April	1.31	1.24	1.51	3.06	1.62	2.16	3.15	3.06	2.71	2.96	22.78
May	2.16	4.52	3.86	2.46	3.45	4.93	2.31	3.62	3.86	1.60	32.77
June	1.29	4.9	2.47	3.92	5.09	4.03	2.60	3.02	.80	1.55	25.26
July	2.87	2.59	2.46	2.93	2.54	2.07	2.68	4.43	2.30	4.93	29.80
August	7.16	4.61	5.04	3.91	2.09	8.22	1.20	5.63	2.44	8.32	48.62
September	.72	3.75	4.49	5.18	3.23	5.04	2.06	3.77	2.66	7.50	38.40
October	3.20	4.16	2.71	4.89	5.37	1.01	.83	5.75	7.82	2.41	38.15
November	2.21	1.03	3.02	7.74	.95	6.26	5.44	2.72	4.34	7.41	41.12
December	3.70	4.31	2.73	3.64	5.58	3.85	4.33	4.07	5.07	3.09	40.37
TOTALS	34.79	34.34	38.43	43.48	40.88	46.30	35.91	48.11	37.26	49.78	409.28

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. T.F. 4056

RAINFALL at Llandiff (Logan P.S.)

County of Glamorgan

Observer G. W. Carter, Esq. C.E.

River Basin S. Ogmore & C.

Type of Gauge _____

Annual Average 37.7 in. based on 35 years obs. ~~un~~-weighted. Period of average 1881-19.5 Ref. S

" " 41.31 " " 32 " " with 1924-56 " 1916-50 Ref. S

File No. 80055A/26

Diameter ...	<u>5"</u>				<u>491</u>	<u>614</u>					
Height ...	<u>1'-0"</u>					<u>1</u>					
Altitude ...	<u>121'</u>					<u>51</u>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<u>4.90</u>	<u>4.45</u>	<u>1.07</u>	<u>2.51</u>	<u>3.36</u>	<u>4.29</u>	<u>4.71</u>	<u>9.17</u>	<u>4.95</u>	<u>4.14</u>	<u>3855</u>
February ...	<u>4.65</u>	<u>1.26</u>	<u>2.17</u>	<u>4.99</u>	<u>2.07</u>	<u>(0.26)</u>	<u>4.57</u>	<u>5.52</u>	<u>.43</u>	<u>2.37</u>	<u>2829</u>
March ...	<u>4.19</u>	<u>2.95</u>	<u>1.52</u>	<u>3.97</u>	<u>1.08</u>	<u>(1.19)</u>	<u>4.96</u>	<u>0.93</u>	<u>3.04</u>	<u>2.13</u>	<u>2596</u>
April ...	<u>3.83</u>	<u>3.01</u>	<u>4.06</u>	<u>0.71</u>	<u>1.96</u>	<u>(1.85)</u>	<u>0.21</u>	<u>0.90</u>	<u>3.17</u>	<u>2.86</u>	<u>2256</u>
May ...	<u>2.68</u>	<u>3.80</u>	<u>3.16</u>	<u>2.02</u>	<u>4.24</u>	<u>1.13</u>	<u>1.62</u>	<u>4.63</u>	<u>1.23</u>	<u>1.43</u>	<u>2604</u>
June ...	<u>0.43</u>	<u>2.23</u>	<u>1.92</u>	<u>3.72</u>	<u>4.00</u>	<u>2.55</u>	<u>1.25</u>	<u>3.20</u>	<u>1.78</u>	<u>1.89</u>	<u>2297</u>
July ...	<u>1.30</u>	<u>2.16</u>	<u>4.61</u>	<u>4.61</u>	<u>0.17</u>	<u>3.32</u>	<u>5.31</u>	<u>2.92</u>	<u>4.23</u>	<u>6.20</u>	<u>3483</u>
August ...	<u>4.74</u>	<u>6.45</u>	<u>6.34</u>	<u>3.28</u>	<u>0.89</u>	<u>8.58</u>	<u>4.31</u>	<u>4.48</u>	<u>2.98</u>	<u>5.02</u>	<u>4707</u>
September ...	<u>3.99</u>	<u>4.66</u>	<u>3.97</u>	<u>7.02</u>	<u>2.93</u>	<u>5.13</u>	<u>5.81</u>	<u>7.18</u>	<u>.42</u>	<u>5.40</u>	<u>41651</u>
October ...	<u>1.75</u>	<u>5.30</u>	<u>3.24</u>	<u>6.22</u>	<u>1.86</u>	<u>2.02</u>	<u>4.60</u>	<u>4.63</u>	<u>5.23</u>	<u>9.88</u>	<u>4473</u>
November ...	<u>7.63</u>	<u>3.97</u>	<u>3.50</u>	<u>7.53</u>	<u>3.46</u>	<u>1.35</u>	<u>2.88</u>	<u>2.73</u>	<u>4.63</u>	<u>7.69</u>	<u>4536</u>
December ...	<u>3.64</u>	<u>3.50</u>	<u>1.73</u>	<u>3.53</u>	<u>4.10</u>	<u>4.80</u>	<u>2.41</u>	<u>4.87</u>	<u>8.93</u>	<u>6.59</u>	<u>4410</u>
TOTALS ...	<u>43.73</u>	<u>43.74</u>	<u>37.29</u>	<u>50.11</u>	<u>30.61</u>	<u>(36.41)</u>	<u>42.64</u>	<u>46.16</u>	<u>41.02</u>	<u>55.60</u>	<u>42737</u>

1956 Feb post est. Mar-Apr est. gauge broken, new gauge.

1956 Insp. Mr. Deeks (5/56) O/E to NE otherwise reasonable. Thp wall recommended. Inver
com. can leaks

34004

Position of Station on Ordnance One-Inch map:

No. of Map _____

National Grid Reference 57(31)17129

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
	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>8/10-13 blank</u>	<u>✓</u>	<u>1/922 blank</u>	<u>✓</u>	