

1676

RAINFALL AT

Ivybridge Blackadon Asylum

Lat. _____

Lon. _____

County of

Devon

Rain Gauge, by _____

Observer

H. V. Prigg Esq CE

H. M. & C. - 3

| | | | | | | | | | | | |
|---------------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|
| Diameter | | | | | | 5 | | | | | |
| Height | | | | | | 1 0 | | | | | |
| Altitude | | | | | | 607 | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | | | | | | 7.01 | 2.87 | 4.42 | 2.14 | 9.50 | |
| February | | | | | | .00 | .82 | 6.32 | 3.14 | 6.31 | |
| March | | | | | | 4.73 | 7.10 | 7.35 | 2.83 | 1.11 | |
| April | | | | | | 3.85 | .64 | 6.82 | 2.60 | 4.74 | |
| May | | | | | | 2.19 | .06 | 2.51 | 4.54 | 3.00 | |
| June | | | | | | 1.42 | 2.69 | 4.11 | 2.49 | 2.58 | |
| July | | | | | | 4.97 | 2.26 | .85 | .75 | 3.61 | |
| August | | | | | | 4.96 | 2.27 | 6.76 | 4.36 | 2.21 | |
| September.... | | | | | | .57 | 9.53 | 4.47 | 2.17 | 3.21 | |
| October | | | | | | 5.92 | 5.18 | 1.92 | 6.92 | 4.01 | |
| November.... | | | | | | 10.10 | 1.93 | 2.54 | 5.78 | 5.69 | |
| December | | | | | | 8.11 | 12.67 | 10.34 | 7.78 | 5.31 | |
| TOTALS | | | | | | 53.83 | 48.02 | 58.41 | 45.50 | 51.28 | |

RAINFALL AT

Ivybridge Blackdon Ashham

1676

Lat.

Lon.

County of

Devon

Rain Gauge, by

Observer

H. V. Pigg Esq. C.E.

Em and C. - 3

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 5 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude ... | 607 | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 9.47 | 5.20 | 3.58 | 6.56 | 8.91 | 2.57 | 11.66 | 2.87 | 4.00 | 3.27 | |
| February .. | 9.85 | 1.75 | 2.70 | 3.10 | 8.32 | 1.66 | 7.44 | 3.59 | 4.42 | 1.06 | |
| March | 3.07 | 4.29 | 4.06 | 6.84 | 3.27 | 7.87 | 2.99 | 2.33 | 5.73 | 9.13 | |
| April | 2.63 | 6.80 | 3.25 | 2.42 | 2.86 | 3.80 | 1.53 | 8.45 | 4.03 | 2.94 | |
| May | 2.62 | 2.01 | 1.97 | 2.57 | 4.38 | 1.21 | 6.39 | 5.33 | 3.17 | 1.90 | |
| June | 5.78 | 3.26 | 4.35 | 1.48 | 1.69 | 4.26 | 2.41 | 5.83 | 1.45 | 3.70 | |
| July | 1.26 | 2.90 | 3.70 | 4.90 | 6.04 | 1.46 | 2.03 | 2.53 | 4.02 | 5.99 | |
| August | 4.16 | 3.33 | 3.53 | 5.65 | 3.78 | 6.79 | 3.70 | 4.15 | 6.46 | 3.06 | |
| September .. | 2.79 | 5.56 | 2.70 | 5.24 | 4.13 | 2.76 | 1.26 | 3.06 | 4.22 | 2.62 | |
| October | 3.97 | 3.22 | 4.79 | 11.38 | 4.01 | 3.37 | 6.98 | 9.18 | 2.09 | 13.25 | |
| November .. | 6.36 | .88 | 6.35 | 3.64 | 2.38 | 8.15 | 6.13 | 6.59 | 2.81 | 2.38 | |
| December .. | 10.51 | 11.29 | 5.32 | 6.42 | 5.11 | 2.47 | 5.36 | 9.75 | 7.35 | 12.07 | |
| TOTALS .. | 62.47 | 50.49 | 46.30 | 60.20 | 54.88 | 46.37 | 57.88 | 63.66 | 49.75 | 61.37 | 55.337 |

1903 Wraggaton Station

1907-9 rec'd 5.14.11 ent'd v. 12

RAINFALL at South Brent Blackdown AsylumCounty of South DevonObserver Walter Prigg Esq C.E.River Basin Exon + C 3

Met Office Rain Gauge, by

| | | | | | | | | | | | | |
|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Diameter ... | 5 | | | | | | | | | | | |
| Height | 10 | | | | | | | | | | | |
| Altitude ... | 607 ft | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 7.81 | 3.10 | 7.63 | 11.25 | 3.37 | 5.60 | 3.58 | 2.95 | 5.20 | 6.63 | 1836 | 57.12 |
| February ... | 9.07 | 5.85 | 6.93 | 2.17 | 6.55 | 8.72 | 8.62 | 1.75 | 3.51 | 5.08 | 1896 | 58.28 |
| March | 1.57 | 5.62 | 9.08 | 7.12 | 10.21 | 1.60 | 3.81 | 3.74 | 2.47 | 6.67 | 1669 | 52.19 |
| April | 3.59 | 3.64 | .40 | 5.66 | 2.85 | 2.46 | 1.55 | 2.40 | 1.80 | 2.65 | 840 | 27.00 |
| May | 3.97 | 1.47 | 2.66 | 4.08 | 2.91 | 4.76 | 2.65 | 2.64 | 1.29 | 2.00 | 855 | 28.33 |
| June | 2.28 | 4.13 | 7.76 | 1.90 | 1.16 | 3.07 | 3.47 | 3.43 | 1.45 | .89 | 324 | 29.54 |
| July | 5.57 | 1.36 | 3.36 | .99 | 6.44 | 6.67 | 2.10 | 2.78 | 4.98 | 2.86 | 1272 | 37.11 |
| August | 6.10 | 2.45 | 13.05 | 2.03 | 3.65 | 2.41 | 4.60 | 5.93 | 2.60 | 3.94 | 1767 | 46.76 |
| September .. | .34 | 2.72 | 1.80 | 4.96 | 3.46 | 1.54 | 2.54 | 3.38 | 7.25 | 2.97 | 1614 | 30.96 |
| October ... | 8.64 | 6.50 | 8.03 | 3.68 | 4.95 | 6.75 | 8.50 | 7.76 | 3.53 | 1.96 | 2175 | 60.30 |
| November .. | 8.78 | 7.88 | 5.42 | 7.26 | 7.20 | 4.07 | 6.71 | 2.46 | 3.78 | 3.60 | 1555 | 55.16 |
| December ... | 11.37 | 14.32 | 10.73 | 4.21 | 11.15 | 13.01 | 5.53 | 1.49 | 6.98 | 6.73 | 2073 | 85.52 |
| TOTALS ... | 69.09 | 59.07 | 77.05 | 55.31 | 63.90 | 60.66 | 52.66 | 40.71 | 44.84 | 45.98 | 18419 | 569.27 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|------------------|------------------|-----------------------------|--------------------|-------------|---------|-----------|------------|
| 1910 | 50 21 N 50 24 | 11 8 W 3 53 W | Wilmington Bridford Hall | 2 Mile 1/2 mile | E W S | Upton | 3 21 | S E |

RAINFALL at South Devon (Blackdown Beacon)County of South DevonObserver H. Victor Briggs, Esq. & E.River Basin 3U66 office Rain Gauge, by

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|-------|
| Diameter ... | 5 | | | | | | | | | | | |
| Height | 1.0 | | | | | | | | | | | |
| Altitude ... | 608 | | | | | 607 | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. | |
| January ... | 7.87 | 8.86 | 7.77 | 4.99 | 8.25 | 8.05 | 9.84 | 6.30 | 11.56 | 5.56 | 9.02 | 8797 |
| February ... | 1.80 | 3.0 | 6.73 | 11.79 | 2.79 | 7.08 | 4.95 | 4.30 | 4.43 | 5.41 | 2.09 | 5167 |
| March | 4.49 | 4.18 | 5.52 | 3.46 | 3.12 | 79 | 181 | 5.33 | 6.15 | .96 | 3.65 | 3946 |
| April | 4.74 | 1.28 | 5.88 | 6.12 | 5.14 | 5.19 | 2.93 | 3.69 | 3.67 | 1.01 | 4.61 | 4426 |
| May | 2.79 | 4.57 | 2.59 | 3.76 | 6.37 | 5.78 | 2.59 | .67 | 1.61 | 4.67 | 3.79 | 3919 |
| June | 2.89 | .19 | 1.88 | .72 | 2.17 | .00 | 5.05 | 3.85 | 3.20 | 4.14 | 1.22 | 2531 |
| July | 6.01 | 2.07 | 6.98 | 1.77 | 5.97 | 5.12 | 1.62 | 5.44 | 2.77 | 4.08 | 2.71 | 4458 |
| August | 2.28 | 4.90 | 5.84 | 4.77 | 5.08 | 5.57 | 2.52 | 5.95 | 3.30 | 4.79 | 5.21 | 5021 |
| September... | 3.14 | 1.69 | 5.43 | 5.42 | 5.40 | 5.33 | 1.31 | 8.70 | 2.34 | .71 | 5.46 | 4493 |
| October | 4.37 | 2.52 | 3.21 | 10.69 | 10.22 | 7.22 | 3.84 | 5.14 | 9.82 | 7.42 | 5.23 | 6968 |
| November... | 3.56 | 5.68 | 3.97 | 3.80 | 5.35 | 4.95 | 13.18 | 6.04 | 8.73 | 16.61 | 8.87 | 8074 |
| December... | 9.14 | 4.15 | 8.30 | 8.46 | 8.83 | 8.57 | .65 | 6.64 | 6.50 | 11.13 | 5.25 | 7762 |
| TOTALS... | 53.08 | 40.39 | 64.10 | 65.65 | 68.69 | 63.65 | 50.29 | 62.05 | 64.08 | 66.49 | 57.11 | 65568 |
| | D | D | D | D | D | D | D | D | D | D | D | |

60550

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 | Parish Church. | Distance from gauge | Direction |
|-------|----------|---------|------------------|----------------------|-----------|----------------|---------------------|-----------|
| 1925 | 50°24'N. | 3°53'W. | Bittaford Hall | 2 1/2 miles | S. | Ugborough | 2 1/2 miles | S.E. N. |
| 1929 | | | Bittaford | 1/2 mile | S. | | | |

RAINFALL at Wraggaton (Plymouth M. Hos.)

also known as Blackdown (Wyebridge)

County of South Devonshire

Observer H. Victor Prigg, Esq. C.E. duned

River Basin Erme &c. - 3

Prigg, Lindy & Son

Type of Gauge M.O.

meas. G.H. Ivey & Partners. (1938)
approx. 100 ft. from station (1941)

Annual Average 54.2 in. based on 32 years obs. un-weighted. Period of average 1881-1912. Ref. Survey.
660428/26.

| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter | 5. | | | | | | | | | | |
| Height | 1.0. | | | | | | | | | | |
| Altitude | 607. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 3.58 | 6.69 | 1.99 | 4.05 | 1.43 | 6.43 | 3.72 | 8.98 | 10.42 | 4.74 | 5703 |
| February | 4.81 | .05 | 5.47 | .09 | 4.79 | 4.60 | 11.87 | 2.68 | 4.04 | 8.19 | 4663 |
| March | 2.94 | 2.78 | 4.43 | 4.74 | 2.12 | 6.11 | 6.56 | .92 | 1.88 | 5.32 | 3780 |
| April | 4.08 | 4.86 | 3.21 | 3.27 | 6.14 | 3.66 | 5.33 | 23 | 3.50 | 3.45 | 3712 |
| May | 2.88 | 4.89 | 1.93 | 1.43 | 1.75 | 1.10 | 3.87 | 4.74 | 0.91 | 1.16 | 2466 |
| June | 5.78 | 3.96 | 2.00 | 1.60 | 6.58 | 1.51 | 1.50 | 2.09 | 5.61 | 1.01 | 3164 |
| July | 8.54 | 3.42 | 3.75 | .87 | .69 | 10.02 | 3.74 | 4.64 | 9.24 | 3.56 | 4847 |
| August | 5.04 | 2.54 | 1.89 | 5.27 | 2.79 | 1.24 | 1.78 | 4.41 | 4.99 | .22 | 3017 |
| September | 1.57 | 6.08 | 2.28 | 5.29 | 6.09 | 5.54 | 4.30 | 2.96 | 0.86 | 3.13 | 3790 |
| October | 1.67 | 9.21 | 4.08 | 2.92 | 4.85 | 2.27 | 3.93 | 7.46 | 7.47 | 5.55 | 4741 |
| November | 7.79 | 3.21 | 1.37 | 2.79 | 6.75 | 5.91 | 5.09 | 12.01 | 13.94 | 12.23 | 7109 |
| December | 3.01 | 3.99 | 2.14 | 12.52 | 5.83 | 7.03 | 6.28 | 6.28 | 4.28 | 7.05 | 5841 |
| TOTALS | 51.49 | 51.18 | 34.54 | 44.84 | 49.81 | 55.31 | 62.97 | 57.40 | 67.18 | 55.61 | 53033 |
| | D | D | D | D | D | D | D | D | D | D | |

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 |
| 1931 | | | Bittonford | 1/2 m. | | Ugborough | 2 m. | S |

Station No. 1676RAINFALL at Warrington (Plumley Stn.)

41

County of South DownshireObserver The Corps (H. H. & Partners)River Basin Ern & C. - 3Type of Gauge M.O.Annual Average 54.2 in. based on 33 years obs. un-weighted. Period of average: 1881 - 1915 Ref. SurveyFile No. 660428/26/235/45

| Diameter | 5" | | | | | | | | | | |
|-----------|-------|-------|-------|-------|------|-----------|-------|-------|-------|-------|-------|
| Height | 10" | Do | Not | Punch | ← P | FROM HERE | | | | | |
| Altitude | 607 | | | | | 650 | | 675' | 650' | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 5.91 | 6.57 | 9.85 | 6.35 | 370 | 6.59 | 5.86 | 12.41 | 2.29 | 2.37 | 61.90 |
| February | 7.81 | .56 | 2.33 | 1.67 | 580 | 5.87 | 3.57 | 3.80 | 3.06 | 9.28 | 4315 |
| March | 6.08 | 5.18 | 1.71 | .15 | 220 | 3.14 | 12.83 | 3.16 | 2.21 | 4.76 | 4142 |
| April | 1.81 | 1.89 | 1.40 | 3.41 | 40 | 2.50 | 5.33 | 3.94 | 2.68 | 3.62 | 2748 |
| May | 3.95 | 6.93 | 5.16 | .66 | 390 | 6.63 | 2.80 | 3.15 | 3.98 | 3.21 | 4037 |
| June | 3.27 | .42 | 2.54 | 4.11 | 530 | 5.45 | 4.85 | 3.04 | 1.04 | 1.63 | 3195 |
| July | 2.20 | 2.42 | 3.71 | 5.47 | 340 | 2.87 | 3.58 | 3.01 | 2.63 | 7.12 | 3641 |
| August | 6.97 | 5.61 | 4.51 | 3.83 | 340 | 6.34 | 1.59 | 5.45 | 3.88 | 7.07 | 4865 |
| September | .41 | 5.13 | 5.63 | 2.40 | 420 | 9.68 | 3.41 | 4.06 | 5.01 | 9.55 | 4948 |
| October | 2.49 | 5.24 | 5.26 | 6.08 | 630 | 3.07 | 2.04 | 5.38 | 10.45 | 3.24 | 4955 |
| November | 2.81 | .93 | 2.82 | 9.28 | 120 | 9.02 | 5.74 | 3.70 | 8.19 | 11.06 | 5475 |
| December | 3.83 | 6.61 | 4.66 | 4.49 | 720 | 7.74 | 5.32 | 9.63 | 4.22 | 6.58 | 6028 |
| TOTALS | 47.04 | 47.49 | 49.58 | 47.90 | 800 | 68.90 | 56.92 | 60.43 | 49.64 | 69.49 | 54539 |
| | P | D | D | D | N.R. | P | D | D | D | D | |

New gauge installed 6.6.46 at 650' above Sea level.

1946 Building 10' - 4.5' S. Hedge 8' - 4.0' N.

1947 Station ~~fixed~~ name changed to confirm ~~from gauge by~~ from gauge by

at Warrington & S. Point

1941 - 44 not used for 1941-70 averages 2. faulty - big increase in
with new g. 6/46Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No. 2174

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge. | Direction from gauge. |
|--------------|---------|-------|------------------------|---------------------|----------------------|------------------------|----------------------|-----------------------|
| 1943 1946 | | | Bittsford Bittsford | 5 m 5 m | S | Ugborough Ugborough | 2 m 1 1/2 m | S. S.E. |

Station No. 1676

RAINFALL at Wrangaton (Moorhaven Hospital)

51

County of S. Devon

Observer The Corp. (G.H. Harvey's Piers.)

River Basin ERM & E-3

Type of Gauge M. D.

The Lynch Sanatorium 1/1/54

Annual Average 54.2 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. Survey

61.46

11

1947-57

File No. E 2335/45

| Diameter ... | 5" | | | | 366 | 705 | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---|
| Height ... | 1' 0" | | | | | 1 | | | 11" | | | |
| Altitude ... | 650 | | | | | 57 | | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means | P |
| January ... | 7.82 | 6.49 | 1.58 | 3.60 | 8.12 | 6.37 | 7.20 | 7.90 | 9.57 | 6.38 | 65.03 | |
| February ... | 6.67 | 1.08 | 2.69 | 6.75 | 5.90 | .65 | 8.63 | 6.25 | .45 | 6.60 | 45.67 | |
| March ... | 8.14 | 6.92 | 1.05 | 5.10 | 2.38 | 2.13 | 7.37 | 3.19 | 8.79 | 5.02 | 50.09 | |
| April ... | 3.74 | 4.75 | 4.02 | 1.45 | 2.69 | 1.54 | .81 | 1.24 | 6.92 | 5.02 | 32.18 | |
| May ... | 3.48 | 2.84 | 5.48 | 3.65 | 5.54 | 1.81 | 3.52 | 4.60 | 1.63 | 2.50 | 35.05 | |
| June ... | 1.90 | 2.15 | 3.87 | 5.29 | 4.84 | 3.69 | 2.21 | 4.55 | 2.57 | 2.99 | 34.06 | |
| July ... | 1.75 | 2.34 | 6.40 | 7.85 | 1.66 | 4.96 | 6.37 | 4.61 | 1.60 | 7.84 | 45.37 | |
| August ... | 9.18 | 5.81 | 4.12 | 4.02 | .65 | 5.07 | 6.19 | 8.16 | 2.58 | 6.90 | 52.68 | |
| September ... | 6.67 | 6.16 | 5.00 | 7.42 | 2.95 | 11.00 | 6.47 | 9.28 | .23 | 9.91 | 65.09 | |
| October ... | 1.63 | 7.44 | 4.21 | 7.60 | 4.09 | 3.27 | 5.65 | 6.57 | 6.77 | 11.44 | 58.67 | |
| November ... | 10.20 | 6.96 | 4.38 | 11.43 | 6.13 | 2.14 | 3.36 | 5.06 | 10.78 | 11.60 | 72.04 | |
| December ... | 6.37 | 5.98 | 1.14 | 6.45 | 9.51 | 8.80 | 5.97 | 7.30 | 14.93 | 7.31 | 73.76 | |
| TOTALS ... | 67.55 | 58.92 | 43.94 | 70.61 | 54.45 | 51.43 | 63.75 | 68.71 | 66.82 | 73.51 | 629.69 | |
| | D | D | D | D | D | D | D | D | D | D | | |

Ind. III 1957 8.5% Satisfactory

Position of Station on Ordnance One-Inch map :

No. of Map 187

National Grid Reference SX 466575

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|----------------|----------------------|
| 1957 | | | Bittaford | 600 yds S | Ugbrough | 1.3 ml. S.E. |

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|---------|---------|---------|--------------|---------|
| | ✓ | ✓ | ✓ | 41-44, 46-50 | |
| | ✓ | ✓ | ✓ | 41-43, 46-50 | |
| | | | | 44+ | |