

# Swansea, South Dock Lock

60

Glamorgan.

J. W. James

12 in

16 ft + Ground

+ S.L. 30 ft?

June - 3.

| YEAR - -     | 1860 | 1861 | 1862 | 1863 | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|--------------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|
| January - -  |      |      | *    |      | 2.22  | 3.47  | 4.21  | 4.12  | 2.66  | 4.62  |        |
| February - - |      |      |      |      | 1.78  | 2.52  | 3.32  | 2.51  | 1.56  | 5.21  |        |
| March - - -  |      |      |      |      | 2.05  | 1.74  | 2.67  | 2.56  | 2.29  | 1.53  |        |
| April - - -  |      |      |      |      | .76   | 2.49  | 1.43  | 3.60  | 1.47  | 2.03  |        |
| May - - - -  |      |      |      |      | 1.20  | 2.59  | .66   | 3.04  | 2.58  | 3.20  |        |
| June - - - - |      |      |      |      | 1.74  | 2.06  | 2.25  | 1.07  | .08   | .49   |        |
| July - - - - |      |      |      |      | .77   | 3.10  | .89   | 1.07  | .35   | 1.06  |        |
| August - - - |      |      |      |      | 1.69  | 3.61  | 3.58  | 1.91  | 4.11  | 1.24  |        |
| September -  |      |      |      |      | 4.70  | .11   | 8.37  | 2.05  | 2.42  | 5.85  |        |
| October - -  |      |      |      |      | 1.85  | 5.47  | 1.53  | 5.50  | 3.64  | 2.73  |        |
| November -   |      |      |      |      | 3.50  | 3.74  | 1.38  | 1.54  | 1.50  | 2.24  |        |
| December -   |      |      |      |      | 2.48  | 2.15  | 2.91  | 2.36  | 6.86  | 3.99  |        |
| TOTALS -     |      |      |      |      | 24.74 | 33.05 | 33.20 | 32.13 | 29.52 | 34.19 |        |

Returns in 1862 & 63 not reliable.

Hgd Sta. No. 49725

N.G.R. (21) 656926

Alt. 9m 30ft.

South Dock Lock

## RAINFALL AT Swansea South Dock Lock

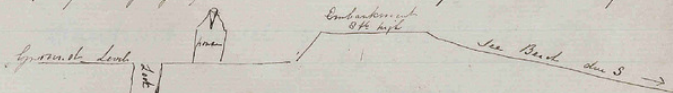
Lat. .... Lon. .... County of ... Glamorgan

Rain Gauge, by: ... Observer J. W. James Bay

Gauge - 3.

|           |       |       |       |       |       |       |       |       |       |       |        |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter  | 1     |       |       |       |       |       |       |       |       |       |        |
| Height    | 14.9  |       |       |       |       |       |       |       |       |       |        |
| Altitude  | 40    |       |       |       |       |       |       |       |       |       |        |
| YEAR      | 1870  | 1871  | 1872  | 1873  | 1874  | 1875  | 1876  | 1877  | 1878  | 1879  | MEAN.  |
| January   | 2.44  | 3.65  | 7.76  | 5.72  | 4.75  | 6.03  | 2.46  | 4.30  | 1.71  | 2.02  | 4.054  |
| February  | 2.49  | 2.40  | 4.01  | .85   | 2.76  | 2.12  | 5.73  | 2.62  | 2.42  | 3.57  | 2.897  |
| March     | 2.28  | 1.73  | 3.47  | 3.33  | 2.79  | 1.15  | 3.16  | 2.64  | .84   | 1.00  | 2.239  |
| April     | .23   | 4.10  | 1.60  | .53   | 1.19  | 1.41  | 2.46  | 2.55  | 2.37  | 1.34  | 1.748  |
| May       | 1.77  | .86   | 1.31  | 2.84  | .43   | 1.84  | .33   | 1.95  | 3.42  | 1.61  | 1.636  |
| June      | .33   | .70   | 4.87  | 1.06  | 2.12  | 3.40  | .87   | 1.84  | 2.07  | 5.92  | 2.326  |
| July      | 1.83  | 5.34  | 3.42  | .00   | 1.55  | 3.82  | 1.61  | 3.61  | 1.45  | 2.34  | 2.797  |
| August    | 1.87  | 1.70  | 2.65  | 4.38  | 4.69  | 6.33  | 3.58  | 4.22  | 3.06  | 5.31  | 3.779  |
| September | 1.91  | 2.99  | 3.81  | 2.72  | 4.74  | 4.39  | 5.10  | 3.83  | 2.20  | 3.15  | 3.484  |
| October   | 4.26  | 5.20  | 6.16  | 3.56  | 4.35  | 5.72  | 5.27  | 3.59  | 4.51  | 1.05  | 4.567  |
| November  | 3.52  | 1.28  | 5.51  | 1.73  | 2.71  | 7.20  | 4.08  | 6.11  | 2.55  | .67   | 3.556  |
| December  | 1.01  | 2.66  | 6.12  | 1.52  | 4.22  | 2.11  | 7.46  | 2.59  | 1.14  | .70   | 2.983  |
| TOTALS    | 25.94 | 32.69 | 50.69 | 31.24 | 36.30 | 45.52 | 42.11 | 39.85 | 27.74 | 28.68 | 36.076 |

1870 by a top of Hydraulic Machine house open to Swansea Bay



1879 "Gauge leaky at the end of the year I cannot tell how long it had been so put send the record with some doubts as to its correctness"

Hyd. Sta. No. 497125

NGR. (21) 656926

Alt. 9m 30ft.

# RAINFALL AT Swansea, South Dock Lock

Lat.

Lon.

County of Glamorgan

Rain Gauge, by

Observer R. Capper, Esq.

Tawe - 3.

|                 |         |       |       |       |       |       |       |       |       |       |          |
|-----------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| Diameter . . .  |         | 12    |       |       |       |       |       |       |       |       |          |
| Height . . . .  |         | 14.9  |       |       |       |       |       |       |       |       |          |
| Altitude . . .  |         | 40    |       |       |       |       |       |       |       |       |          |
| Year . . . . .  | 1880    | 1881  | 1882  | 1883  | 1884  | 1885  | 1886  | 1887  | 1888  | 1889  | MEANS.   |
| January . . .   | .37     | .91   | 3.54  | 5.16  | 5.58  | 3.83  | 5.09  | 4.63  | 2.32  | 1.96  | 3.318    |
| February . . .  | 4.38    | 5.56  | 3.79  | 5.15  | 4.26  | 4.23  | 1.05  | .80   | 1.73  | 2.94  | 3.389    |
| March . . . .   | 1.82    | 3.73  | 2.85  | .86   | 4.59  | 2.07  | 4.42  | 2.14  | 3.97  | 4.44  | 3.089    |
| April . . . . . | 1.60    | 2.46  | 5.19  | 1.31  | 2.24  | 3.11  | 3.08  | 1.29  | 1.20  | 2.34  | 2.382    |
| May . . . . .   | 2.63    | 2.57  | 2.20  | 2.20  | 2.34  | 3.21  | 4.28  | 1.84  | 1.71  | 2.19  | 2.497    |
| June . . . . .  | 2.05    | 3.93  | 4.10  | 5.34  | 2.65  | 4.67  | .92   | .36   | 3.85  | .41   | 2.828    |
| July . . . . .  | 5.93    | 1.92  | 5.24  | 5.54  | 4.77  | 1.29  | 4.20  | 1.71  | 6.25  | 3.64  | 4.049    |
| August . . . .  | .49     | 5.51  | 4.76  | 2.29  | 2.47  | 1.81  | 1.22  | 1.46  | 4.30  | 4.81  | 2.912    |
| September . .   | 2.64    | 2.39  | 3.47  | 8.32  | 3.36  | 6.31  | 4.00  | 3.06  | 1.09  | 2.89  | 3.753    |
| October . . .   | 2.09    | 2.87  | 7.89  | 4.35  | 2.96  | 4.76  | 7.24  | 2.93  | 2.22  | 3.87  | 4.118    |
| November . . .  | 4.27    | 5.30  | 6.34  | 7.26  | 2.33  | 4.55  | 5.13  | 3.56  | 8.19  | 2.34  | 4.959    |
| December . . .  | 4.29    | 4.74  | 5.86  | 2.15  | 6.66  | 1.84  | 5.26  | 3.61  | 5.05  | 3.42  | 4.288    |
| TOTALS . . .    | (32.57) | 41.69 | 55.23 | 49.92 | 44.43 | 41.48 | 45.89 | 27.49 | 41.88 | 35.25 | (41.602) |

1880 Gauge leaked at beginning of year Felt amount registered at George Street

1889 St Mary Church 1/2 mile N.W.

Hyd. Sta. No: 497125

NGR: (21) 656926

Alt. 9m 30ft.



# RAINFALL AT

*Swansea South Dock Lock*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Glamorgan*

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

Observer \_\_\_\_\_

*J. Dixon Esq*

*June - 3.*

|               |       |       |       |       |       |      |      |      |      |      |        |  |
|---------------|-------|-------|-------|-------|-------|------|------|------|------|------|--------|--|
| Diameter .... | 12    |       |       |       |       |      |      |      |      |      |        |  |
| Height .....  | 14 9  |       |       |       |       |      |      |      |      |      |        |  |
| Altitude .... | 40    |       |       |       |       |      |      |      |      |      |        |  |
| Year .....    | 1890  | 1891  | 1892  | 1893  | 1894  | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |  |
| January ....  | 5.64  | 4.03  | 1.99  | 2.23  | 4.14  |      |      |      |      |      |        |  |
| February .... | 1.47  | .11   | 2.24  | 5.37  | 4.05  |      |      |      |      |      |        |  |
| March .....   | 2.42  | 1.55  | 1.20  | .68   | 2.90  |      |      |      |      |      |        |  |
| April .....   | 1.98  | 3.66  | 2.15  | .08   | 2.22  |      |      |      |      |      |        |  |
| May .....     | 3.81  | 3.10  | 1.47  | 3.39  | 3.54  |      |      |      |      |      |        |  |
| June .....    | 3.42  | 2.56  | 1.69  | 1.44  | 1.67  |      |      |      |      |      |        |  |
| July .....    | 3.27  | 3.11  | 1.99  | 4.12  | 1.83  |      |      |      |      |      |        |  |
| August .....  | 4.06  | 6.49  | 4.61  | 2.37  | 2.63  |      |      |      |      |      |        |  |
| September.... | 1.69  | 4.01  | 4.50  | 2.54  | .66   |      |      |      |      |      |        |  |
| October ..... | 2.96  | 9.76  | 3.46  | 6.66  | 1.77  |      |      |      |      |      |        |  |
| November .... | 5.99  | 4.11  | 4.41  | 3.70  | 5.53  |      |      |      |      |      |        |  |
| December .... | 1.38  | 6.32  | 2.40  | 5.07  | 4.42  |      |      |      |      |      |        |  |
| TOTALS ....   | 38.09 | 48.81 | 32.11 | 37.65 | 35.36 |      |      |      |      |      |        |  |

1890 St Mary Church 1/2 mile N.N.W  
Pilot House 15 ft high 600 ft NE  
1894 Unreliable

Hyd Sta. No. 497125

NQR: (21) 656926

Alt. 9m 30ft