

RAINFALL AT *Whitehaven The Barracks Irish Street*

Lat.....

Lon.....

County of *Cumberland*Rain Gauge, by..... Observer *Capt. Morris J Sawell*

|                           |       |       |       |       |       |       |       |       |       |       |        |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .....            | .5    |       |       |       |       |       |       |       |       |       |        |
| Height .....              | 1     |       | 1.1   |       |       |       |       |       |       |       |        |
| Altitude .....            | 21    |       |       |       |       |       |       |       |       |       |        |
| YEAR .....                | 1870  | 1871  | 1872  | 1873  | 1874  | 1875  | 1876  | 1877  | 1878  | 1879  | MEANS. |
| January..... <sup>#</sup> | 1.06  | 2.88  | 7.70  | 6.99  | 5.18  | 6.28  | 2.47  | 8.28  | 4.26  | 2.31  | 4.741  |
| February .....            | 3.10  | 3.91  | 4.47  | 7.6   | 4.25  | 1.91  | 3.66  | 3.07  | 2.11  | 2.68  | 2.992  |
| March .....               | 3.10  | 2.91  | 5.17  | 4.10  | 2.66  | 1.23  | 3.24  | 2.57  | 2.39  | 1.98  | 2.935  |
| April .....               | 1.54  | 2.74  | 2.37  | 5.1   | 3.17  | 1.68  | 2.87  | 2.55  | 1.82  | 1.12  | 2.037  |
| May .....                 | 2.69  | 1.00  | 1.90  | 2.30  | .94   | 2.39  | .15   | 3.23  | 2.70  | 2.16  | 1.946  |
| June.....                 | 2.37  | 1.67  | 6.11  | 2.04  | .46   | 4.32  | 3.93  | 3.86  | 2.15  | 3.29  | 3.020  |
| July .....                | 1.13  | 3.37  | 3.73  | 4.69  | 1.88  | 3.26  | 2.28  | 4.05  | .83   | 5.88  | 3.110  |
| August.....               | 1.09  | 3.47  | 3.34  | 4.49  | 6.12  | 2.80  | 4.32  | 5.90  | 4.22  | 5.41  | 4.116  |
| September.....            | 4.61  | 1.66  | 5.37  | 1.90  | 4.48  | 5.14  | 4.86  | 3.34  | 4.12  | 5.02  | 4.050  |
| October..... <sup>+</sup> | 8.29  | 4.80  | 8.00  | 7.34  | 7.45  | 4.77  | 4.38  | 8.08  | 4.11  | 2.17  | 5.939  |
| November.....             | 3.66  | 4.23  | 4.82  | 3.75  | 4.69  | 3.53  | 3.24  | 9.62  | 3.15  | 1.49  | 4.218  |
| December.....             | 1.68  | 4.97  | 5.33  | 2.40  | 2.06  | 2.87  | 5.40  | 5.27  | 2.30  | 2.51  | 3.479  |
| TOTALS .....              | 34.32 | 37.61 | 58.91 | 41.27 | 43.34 | 40.18 | 40.80 | 59.82 | 34.16 | 36.02 | 42.583 |

1870 G placed on grass &amp; free from trees &amp;c

1877 Wall 5ft high 30ft S.E. Stable 20ft high 30ft W

House 50ft high 12ft 6in N

Holy Trinity Church 30yds N.W.

# RAINFALL AT *Whitehaven, Irish 880*

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

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

County of *Cumberland*

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

Observer *J. Munson*

*West Coast Streams - 3*

|               |              |              |              |              |              |              |              |              |              |              |               |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Diameter .... | <i>5</i>     |              |              |              |              |              |              |              |              |              |               |
| Height .....  | <i>1.1</i>   |              |              |              |              |              |              |              |              |              |               |
| Altitude .... | <i>217</i>   |              |              |              |              |              |              |              |              |              |               |
| Year .....    | 1890         | 1881         | 1882         | 1883         | 1884         | 1885         | 1886         | 1887         | 1888         | 1889         | MEANS.        |
| January ....  | <i>1.48</i>  | <i>.82</i>   | <i>3.54</i>  | <i>6.52</i>  | <i>5.49</i>  | <i>2.97</i>  | <i>3.17</i>  | <i>3.12</i>  | <i>1.69</i>  | <i>2.44</i>  | <i>3.124</i>  |
| February .... | <i>3.67</i>  | <i>4.44</i>  | <i>3.35</i>  | <i>3.62</i>  | <i>4.97</i>  | <i>6.62</i>  | <i>1.97</i>  | <i>2.42</i>  | <i>1.31</i>  | <i>2.67</i>  | <i>3.504</i>  |
| March .....   | <i>1.54</i>  | <i>3.36</i>  | <i>2.46</i>  | <i>1.47</i>  | <i>4.46</i>  | <i>3.32</i>  | <i>4.31</i>  | <i>1.10</i>  | <i>2.36</i>  | <i>2.18</i>  | <i>2.656</i>  |
| April .....   | <i>2.92</i>  | <i>1.02</i>  | <i>3.48</i>  | <i>2.34</i>  | <i>1.57</i>  | <i>4.15</i>  | <i>2.35</i>  | <i>3.29</i>  | <i>1.93</i>  | <i>1.96</i>  | <i>2.501</i>  |
| May .....     | <i>1.75</i>  | <i>3.18</i>  | <i>2.97</i>  | <i>1.60</i>  | <i>2.64</i>  | <i>2.08</i>  | <i>6.77</i>  | <i>1.82</i>  | <i>1.81</i>  | <i>2.51</i>  | <i>2.713</i>  |
| June .....    | <i>1.18</i>  | <i>4.91</i>  | <i>4.19</i>  | <i>3.68</i>  | <i>4.46</i>  | <i>1.36</i>  | <i>1.28</i>  | <i>.86</i>   | <i>1.03</i>  | <i>1.13</i>  | <i>2.008</i>  |
| July .....    | <i>3.63</i>  | <i>3.47</i>  | <i>7.84</i>  | <i>2.31</i>  | <i>4.33</i>  | <i>3.24</i>  | <i>4.47</i>  | <i>3.49</i>  | <i>6.00</i>  | <i>2.48</i>  | <i>4.126</i>  |
| August .....  | <i>99</i>    | <i>4.02</i>  | <i>3.17</i>  | <i>4.80</i>  | <i>2.67</i>  | <i>1.79</i>  | <i>2.68</i>  | <i>.92</i>   | <i>2.57</i>  | <i>5.21</i>  | <i>2.882</i>  |
| September.... | <i>4.87</i>  | <i>2.95</i>  | <i>3.63</i>  | <i>3.94</i>  | <i>3.23</i>  | <i>7.70</i>  | <i>5.30</i>  | <i>4.35</i>  | <i>1.32</i>  | <i>2.60</i>  | <i>3.989</i>  |
| October ..... | <i>1.12</i>  | <i>1.87</i>  | <i>3.61</i>  | <i>3.73</i>  | <i>3.87</i>  | <i>4.02</i>  | <i>4.02</i>  | <i>3.06</i>  | <i>4.97</i>  | <i>3.66</i>  | <i>3.393</i>  |
| November....  | <i>3.79</i>  | <i>5.13</i>  | <i>6.28</i>  | <i>6.39</i>  | <i>2.44</i>  | <i>3.69</i>  | <i>6.16</i>  | <i>2.44</i>  | <i>4.85</i>  | <i>3.17</i>  | <i>4.434</i>  |
| December .... | <i>4.48</i>  | <i>3.70</i>  | <i>3.30</i>  | <i>3.67</i>  | <i>4.68</i>  | <i>1.74</i>  | <i>5.30</i>  | <i>3.71</i>  | <i>4.93</i>  | <i>4.53</i>  | <i>4.004</i>  |
| TOTALS ....   | <i>31.42</i> | <i>38.87</i> | <i>78.24</i> | <i>44.07</i> | <i>40.81</i> | <i>42.68</i> | <i>47.78</i> | <i>30.58</i> | <i>34.77</i> | <i>34.54</i> | <i>39.334</i> |

*Holy Trinity Church* <sup>100</sup> <sup>NW</sup> *50 yards E*

*Stable 20ft high 24ft W*

*House 40ft " 120ft N*

*Fence 6ft " 24ft S. + E*

# RAINFALL AT *Whitehaven Irish Street*

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

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

County of *Cumberland*

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

Observer *D. Lamer*

*West Coast Streams - 3*

|                |       |       |       |       |       |       |       |       |       |       |        |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ....  | 5     |       |       |       |       |       |       |       |       |       |        |
| Height .....   | 1     | 1     |       |       |       |       |       |       |       |       |        |
| Altitude ....  | 21    | Å     |       |       |       |       |       |       |       |       |        |
| Year .....     | 1890  | 1891  | 1892  | 1893  | 1894  | 1895  | 1896  | 1897  | 1898  | 1899  | MEANS. |
| January ....   | 5.58  | 2.72  | 3.01  | 1.89  | 3.42  | 1.77  | 2.60  | .76   | 2.86  | 5.83  | 3.044  |
| February ....  | .72   | .40   | .76   | 5.46  | 4.41  | .51   | 1.80  | 1.68  | 3.55  | 3.37  | 2.266  |
| March .....    | 2.72  | 1.92  | 1.74  | 1.47  | 1.65  | 4.36  | 4.24  | 5.15  | 1.00  | 2.56  | 2.681  |
| April .....    | 1.47  | 1.62  | 1.35  | .92   | 2.30  | 4.39  | 2.13  | 2.42  | 3.76  | 3.51  | 2.387  |
| May .....      | 3.09  | 1.63  | 4.61  | 2.71  | 4.23  | .33   | .53   | 2.30  | 3.30  | 4.31  | 2.704  |
| June .....     | 4.81  | 1.38  | 3.23  | 2.35  | 3.83  | 1.19  | 2.83  | 4.45  | 2.08  | 3.16  | 2.931  |
| July .....     | 3.13  | 1.60  | 2.33  | 3.58  | 4.16  | 5.06  | 5.42  | 1.53  | .51   | 4.05  | 3.137  |
| August .....   | 5.10  | 8.75  | 7.90  | 5.78  | 4.83  | 5.65  | 3.41  | 4.64  | 6.17  | 1.64  | 5.387  |
| September .... | 4.43  | 5.97  | 5.64  | 2.90  | .42   | 1.54  | 4.32  | 2.27  | 2.78  | 4.66  | 3.493  |
| October .....  | 2.36  | 8.54  | 4.44  | 4.86  | 4.52  | 5.06  | 6.92  | 2.75  | 3.65  | 3.12  | 4.622  |
| November ....  | 11.55 | 5.33  | 3.46  | 1.94  | 5.14  | 4.24  | 1.76  | 6.73  | 3.71  | 4.29  | 4.815  |
| December ....  | 1.20  | 7.47  | 2.65  | 5.25  | 5.56  | 3.42  | 5.42  | 6.62  | 4.18  | 3.10  | 4.487  |
| TOTALS ....    | 46.16 | 47.33 | 41.12 | 39.11 | 44.47 | 37.52 | 41.38 | 41.30 | 37.55 | 43.60 | 41.954 |

1890 *Holy Trinity* <sup>100</sup> 50 yards NW  
*Stable* 20 ft high 24 ft E  
*House* 40 " " 120 " W  
*Inc* 6 " " 24 " S + E

1890



# RAINFALL AT *Whitehaven Irish Knot*

Lat. ....

Lon. ....

County of *Cumberland*

Rain Gauge, by .....

Observer *D. Welby Lanson*

*W. coast streams - 3.*

*Dr Eldon Pratt (11.09)*

| Diameter ..  | 5     |       |       |       |       |       |       |       |       |       |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ....  | 1.1   |       |       |       |       |       |       |       |       |       |        |
| Altitude ..  | 21 ft |       |       |       |       |       |       |       |       |       |        |
| Year ....    | 1900  | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | MEANS. |
| January ..   | 6.37  | 2.58  | 3.23  | 4.02  | 4.31  | 1.93  | 4.36  | 1.57  | 4.08  | 2.84  | 3.529  |
| February ..  | 4.77  | 1.87  | 1.60  | 3.93  | 3.05  | 2.39  | 3.03  | 2.26  | 2.42  | 1.91  | 2.733  |
| March ....   | .67   | 2.03  | 2.13  | 5.85  | 3.54  | 4.14  | 2.33  | 4.20  | 3.60  | 4.03  | 3.252  |
| April .....  | 2.21  | 3.53  | 1.75  | 1.74  | 2.81  | 4.01  | 1.22  | 3.69  | 1.96  | 3.50  | 2.642  |
| May .....    | 3.18  | 2.07  | 2.46  | 3.11  | 3.26  | 3.23  | 5.99  | 3.99  | 2.54  | 2.25  | 3.208  |
| June .....   | 3.36  | 2.69  | 1.58  | 2.10  | 1.62  | 2.34  | 2.12  | 7.72  | 2.88  | 3.10  | 2.951  |
| July .....   | 1.73  | 1.10  | 3.18  | 4.76  | 2.91  | 2.31  | 2.26  | 2.64  | 3.38  | 5.60  | 2.987  |
| August ....  | 6.76  | 4.74  | 3.56  | 4.12  | 5.28  | 3.31  | 5.77  | 4.97  | 3.63  | 2.48  | 4.462  |
| September..  | 3.17  | 3.33  | 2.09  | 5.53  | 3.36  | 2.69  | 1.46  | .95   | 5.29  | 3.23  | 3.110  |
| October .... | 5.34  | 6.23  | 3.89  | 9.29  | 2.58  | 3.37  | 5.78  | 10.24 | 1.95  | 9.76  | 5.843  |
| November..   | 4.77  | 5.72  | 2.52  | 3.97  | 3.85  | 4.80  | 3.61  | 4.89  | 3.67  | 1.73  | 3.953  |
| December ..  | 6.33  | 5.73  | 4.06  | 3.63  | 4.42  | 2.88  | 3.88  | 7.12  | 4.07  | 6.88  | 4.900  |
| TOTALS ..    | 48.66 | 41.62 | 32.05 | 52.05 | 40.99 | 37.40 | 41.81 | 54.34 | 39.47 | 47.31 | 43.570 |

1906 Trinity Church 50 pds NE  
 Whitehaven Station 1/2 mile S  
 Wall 12 ft high 30 ft W

*H. B.*

RAINFALL at Whitehaven Irish StreetCounty of CumberlandObserver Dr Eldon PrattRiver Basin West Coast Stream 3Snowdon Rain Gauge, by  
new xi-12

|              |          |       |       |       |       |       |       |       |       |       |        |
|--------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 5        |       |       |       |       |       |       |       |       |       |        |
| Height ..... | 1 1      |       |       |       |       |       |       |       |       |       |        |
| Altitude ... | 21 $\pi$ |       |       |       |       |       |       |       |       |       |        |
| Year ...     | 1910     | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |
| January      | 4.20     | 2.29  | 3.08  | 3.96  | 3.19  | 4.36  | 4.05  | 2.51  | 4.29  | 5.86  |        |
| February     | 6.90     | 4.52  | 2.72  | 2.26  | 4.39  | 7.87  | 4.40  | 1.43  | 4.35  | .62   |        |
| March        | 3.90     | 1.08  | 5.15  | 5.14  | 4.30  | 2.15  | 1.40  | 1.66  | 2.07  | 4.11  |        |
| April        | 2.48     | 3.51  | .73   | 4.28  | 1.12  | 3.32  | 2.78  | 2.13  | .98   | 3.19  |        |
| May          | 2.31     | 3.15  | 2.35  | 4.89  | 2.48  | 1.24  | 3.73  | 4.02  | 2.44  | 1.16  |        |
| June         | 1.71     | 4.43  | 5.66  | 2.42  | 1.23  | 1.46  | 3.13  | 2.07  | 1.70  | 3.11  |        |
| July         | 4.09     | .95   | 3.75  | .66   | 5.04  | 5.98  | 3.11  | 1.30  | 3.37  | 1.00  |        |
| August       | 6.87     | 2.36  | 5.49  | 2.71  | 3.96  | 2.73  | 2.57  | 8.05  | 4.27  | 2.97  |        |
| September    | .62      | 3.27  | 1.41  | 3.10  | 1.97  | 1.84  | 2.96  | 4.08  | 10.22 | 4.41  |        |
| October      | 2.40     | 3.77  | 4.50  | 4.79  | 2.23  | 2.27  | 6.93  | 6.82  | 5.98  | 2.41  |        |
| November     | 5.43     | 6.80  | 4.06  | 4.14  | 5.78  | 2.39  | 6.12  | 4.64  | 3.15  | 2.87  |        |
| December     | 5.29     | 9.12  | 5.30  | 3.27  | 6.03  | 7.19  | 5.85  | 3.78  | 7.58  | 6.57  |        |
| TOTALS       | 46.20    | 45.25 | 44.20 | 41.62 | 42.27 | 42.80 | 47.03 | 42.49 | 50.40 | 36.98 | 44.124 |

f in garden

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church.    | Distance.         | Direction. |
|-------|---------|-------|------------------|-----------|------------|------------|-------------------|------------|
| 1911  |         |       | Borkickle        | 4 mi      | S.E.       | H. Trinity | 200 yds<br>50 yds | S<br>E     |

RAINFALL at Whitehaven Irish StreetCounty of CumberlandObserver M<sup>r</sup> Eldon PrattRiver Basin West Coast Streams 3D<sup>r</sup> Alex. S. Henderson 1924Snowdon Rain Gauge, by \_\_\_\_\_

|               |       |       |       |       |       |         |      |      |      |      |                             |  |
|---------------|-------|-------|-------|-------|-------|---------|------|------|------|------|-----------------------------|--|
| Diameter ...  | 5     |       |       |       |       |         |      |      |      |      |                             |  |
| Height .....  | 1     | 1     |       |       |       |         |      |      |      |      |                             |  |
| Altitude ...  | 21    |       |       |       |       |         |      |      |      |      |                             |  |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925    | 1926 | 1927 | 1928 | 1929 | MEANS.                      |  |
| January ...   | 5.95  | 6.77  | 3.91  | 3.58  | 5.06  | 4.44    |      |      |      |      |                             |  |
| February ...  | 3.02  | .27   | 4.43  | 6.02  | .54   | 5.25    |      |      |      |      |                             |  |
| March .....   | 5.93  | 5.70  | 2.05  | 2.01  | 1.05  | 1.45    |      |      |      |      |                             |  |
| April .....   | 4.40  | 2.40  | 2.71  | 4.13  | 2.31  | 3.20    |      |      |      |      |                             |  |
| May .....     | 4.61  | 3.27  | 3.65  | 1.75  | 4.78  | 4.60    |      |      |      |      |                             |  |
| June .....    | 2.43  | .50   | 2.56  | 1.37  | 3.27  | .20     |      |      |      |      |                             |  |
| July .....    | 5.26  | 3.63  | 6.55  | 4.30  | 4.48  | 1.69    |      |      |      |      |                             |  |
| August .....  | 4.94  | 8.42  | 5.04  | 8.91  | 4.34  | 4.69    |      |      |      |      |                             |  |
| September...  | 3.09  | 2.11  | 2.41  | 6.29  | 6.10  | 2.73    |      |      |      |      |                             |  |
| October ..... | 2.14  | 3.21  | 2.71  | 8.64  | 4.77  | (6.02)  |      |      |      |      |                             |  |
| November...   | 3.60  | 2.45  | 2.45  | 5.54  | 3.00  | (2.10)  |      |      |      |      |                             |  |
| December...   | 4.06  | 4.50  | 5.22  | 5.68  | 9.28  | (3.00)  |      |      |      |      |                             |  |
| TOTALS...     | 49.48 | 45.23 | 43.66 | 58.22 | 48.98 | (40.37) | NR   | NR   | NO   | #    | Obs. ceased<br>f. 699106/26 |  |

1924. 2 of 6 garden.

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  |         |       | Corkickle        | 1/2 mi              | S E                  | Holy Trinity   | 200 yds             | E                    |