

RAINFALL AT Castlewellan Lough Island

Lat.

Lon. County of Down

Rain Gauge, by

Observer J. Smyth Jun. Esq. C.E.Rain, upper - 7.

Diameter	<u>□ 10</u>										
Height	<u>3.0</u>										
Altitude	<u>442T</u>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.10	4.40	1.60	5.80	5.70	3.80	2.20	3.90	1.60	6.30	3.240
February	4.40	4.50	5.40	9.20	7.90	6.00	2.20	1.00	.00	.40	4.100
March	1.70	4.60	2.50	1.90	7.40	2.40	3.40	.70	5.60	3.20	3.340
April	5.60	.70	6.40	1.80	2.10	6.60	1.80	1.30	2.80	6.10	3.520
May .....	.10	.80	2.40	1.30	2.50	2.00	5.70	1.00	4.10	6.30	2.620
June	3.00	4.00	2.70	.70	.30	.40	1.30	.80	5.20	.00	1.840
July	6.10	.80	4.70	2.50	3.00	.80	3.30	3.10	6.60	3.50	3.440
August .....	.30	3.50	4.20	3.50	1.30	2.10	2.00	3.00	1.50	4.60	2.600
September	4.30	1.20	4.20	9.00	1.90	7.40	2.20	3.10	.50	2.50	3.630
October	2.20	2.60	6.60	4.00	1.70	4.00	9.10	2.50	1.20	7.60	4.150
November	3.60	5.70	6.30	2.70	4.30	5.00	3.80	4.00	8.40	.90	4.460
December ....	.90	4.40	4.80	.90	2.50	.40	5.30	2.10	5.80	3.30	3.040
TOTALS	33.20	33.20	51.80	43.30	40.60	40.90	42.30	26.50	43.30	44.70	39.980?

1888 Not printed; gauge believed to be insufficiently delicate to measure the small quantities which fell in February.

RAINFALL AT *Castlewellan Lough Island*

Lat.

Lon.

County of

Down

 Snowden Rain Gauge, by *Caella*

Observer

J. Smyth Esq. C.E.
~~*Snowdon Bay, etc.*~~ *Benn. Upper-7.*

Diameter	<i>1.5</i>										
Height	<i>3.0</i>										
Altitude	<i>442T</i>			<i>440T</i>							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	<i>#</i>										
February	<i>4.84</i>	<i>1.62</i>	<i>4.08</i>	<i>5.69</i>	<i>5.91</i>	<i>3.59</i>	<i>1.81</i>	<i>3.10</i>	<i>1.87</i>	<i>5.53</i>	<i>2.864</i>
March	<i>2.68</i>	<i>.28</i>	<i>1.86</i>	<i>3.59</i>	<i>2.90</i>	<i>.55</i>	<i>2.83</i>	<i>2.69</i>	<i>2.86</i>	<i>5.75</i>	<i>2.599</i>
April	<i>5.72</i>	<i>1.85</i>	<i>.51</i>	<i>.62</i>	<i>.57</i>	<i>4.94</i>	<i>3.74</i>	<i>6.87</i>	<i>.97</i>	<i>2.00</i>	<i>2.779</i>
May	<i>2.02</i>	<i>6.33</i>	<i>.89</i>	<i>1.18</i>	<i>4.47</i>	<i>3.72</i>	<i>.98</i>	<i>3.45</i>	<i>6.70</i>	<i>4.59</i>	<i>2.422</i>
June	<i>2.47</i>	<i>3.48</i>	<i>4.21</i>	<i>1.00</i>	<i>4.05</i>	<i>.09</i>	<i>.35</i>	<i>1.57</i>	<i>4.63</i>	<i>4.53</i>	<i>2.638</i>
July	<i>2.77</i>	<i>6.45</i>	<i>3.61</i>	<i>1.82</i>	<i>3.83</i>	<i>1.14</i>	<i>3.42</i>	<i>6.17</i>	<i>4.27</i>	<i>3.20</i>	<i>2.668</i>
August	<i>2.03</i>	<i>2.93</i>	<i>1.82</i>	<i>2.87</i>	<i>3.94</i>	<i>5.20</i>	<i>6.67</i>	<i>1.66</i>	<i>.50</i>	<i>3.63</i>	<i>2.125</i>
September....	<i>4.15</i>	<i>8.37</i>	<i>6.21</i>	<i>4.63</i>	<i>2.19</i>	<i>6.94</i>	<i>1.92</i>	<i>6.90</i>	<i>3.74</i>	<i>1.78</i>	<i>4.682</i>
October	<i>4.40</i>	<i>2.46</i>	<i>3.87</i>	<i>1.54</i>	<i>.27</i>	<i>.25</i>	<i>6.84</i>	<i>2.42</i>	<i>4.02</i>	<i>3.65</i>	<i>2.942</i>
November....	<i>1.34</i>	<i>10.38</i>	<i>6.93</i>	<i>1.47</i>	<i>10.92</i>	<i>3.53</i>	<i>2.27</i>	<i>4.09</i>	<i>5.08</i>	<i>1.36</i>	<i>4.947</i>
December	<i>10.89</i>	<i>8.72</i>	<i>5.98</i>	<i>2.55</i>	<i>5.70</i>	<i>8.06</i>	<i>2.20</i>	<i>3.81</i>	<i>4.50</i>	<i>5.46</i>	<i>5.787</i>
TOTALS	<i>3.01</i>	<i>6.07</i>	<i>1.29</i>	<i>6.06</i>	<i>3.89</i>	<i>4.09</i>	<i>7.20</i>	<i>5.92</i>	<i>3.89</i>	<i>8.39</i>	<i>4.981</i>
	<i>46.32</i>	<i>?</i>	<i>58.94</i>	<i>41.26</i>	<i>33.02</i>	<i>48.64</i>	<i>42.10</i>	<i>40.33</i>	<i>48.65</i>	<i>43.03</i>	<i>49.87</i>
											<i>45.216?</i>

1891 Much too big. Observer believed to misplace his decimal points and at times enter a glass of water as 1.00 in instead of .50 in

1890

RAINFALL AT *Castlewellan Lough Island*

Lat.

Lon.

County of *Down*

Rain, upper *7* ft. Rain Gauge, by *J. Smyth Esq. C.E.*

Observer *J. Smyth Esq. C.E.*

Diameter ..	5										
Height	10										
Altitude ..	440 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.31	6.93	3.26	7.41	5.55	2.99	4.90	1.12	3.25	2.25	4.097
February ..	5.45	3.39	5.61	5.01	5.62	2.19	2.10	2.91	1.80	1.59	3.567
March ....	.92	3.35	2.24	7.61	3.68	6.80	1.64	2.86	7.46	6.35	4.291
April	2.64	4.28	5.11	1.83	2.10	3.93	2.09	4.76	4.81	5.53	3.708
May	4.90	2.24	7.06	2.82	2.47	.59	5.42	5.59	2.65	1.25	3.499
June	3.46	3.64	4.12	1.19	4.38	3.23	1.05	5.30	2.27	2.72	3.136
July	4.36	1.74	5.19	5.68	3.00	1.37	2.84	2.75	2.93	3.32	3.318
August	5.14	3.28	4.50	5.87	5.88	9.12	3.04	2.73	4.03	1.68	4.527
September ..	1.21	6.95	4.77	5.29	4.34	1.77	.73	1.12	4.86	2.21	3.325
October	5.74	4.65	2.66	8.53	.48	1.73	6.91	6.94	3.40	6.10	4.714
November ..	7.15	4.65	9.77	2.16	1.17	5.99	2.79	4.24	3.74	1.19	4.285
December ..	4.91	4.59	4.93	6.72	2.30	4.56	2.31	4.09	4.94	6.09	4.544
TOTALS ..	49.19	49.69	59.22	60.12	40.97	44.27	35.82	44.41	46.14	40.28	47.011

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1909. *Castlewellan Station* 3 miles NE.

RAINFALL at Castlewillan Lough Island ResCounty of DownObserver J. Smyth Esq. C.E.
J. Byrne.River Basin Bann Upper 7Rain Gauge, by Basella.

Diameter ...	5											
Height	1.0						0 8					
Altitude ...	440 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.82	1.89	8.45	11.68	1.37		3.34					
February ...	10.02	2.72	7.17	2.64	7.31		4.04					
March	2.09	1.69	6.12	5.29	7.42		5.55					
April	2.92	3.95	1.76	4.57	2.31		2.87					
May	2.10	2.76	1.76	4.21	1.49		6.38					
June	3.46	2.97	5.04	2.86	1.94		2.14					
July	3.79	2.76	3.86	1.04	1.19		4.37					
August	6.26	1.89	6.11	.86	3.23		2.41					
September ..	.87	1.49	.95	6.37	1.55		1.59					
October ...	1.47	5.75	3.09	6.06	2.39		7.93					
November ..	2.18	5.70	2.24	4.28	4.83		5.40					
December ...	9.35	12.43	4.88	2.96	12.83		5.09					
TOTALS ...	48.33	46.00	51.43	52.82	47.86	N.R.	51.11	N.R.				

1914. Boathouse 20 ft. high ^D 5 inches S.E.
 Bridge 9 " 5 1/2 " N.E.
 Gates 4 " 6 " N.

Average 1881-1915 worked 25.6.65 - 44.83

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	54.15	6.2	Castlewillan	3 miles 4	NE. E	Kilcoo	3 1/4 m	S.W