

# 70

## RAINFALL AT *Garstang* *Barnacre* Res:

Lat. ....

Lon. ....

County of *Lancashire*

Rain Gauge, by .....

Observer *J. Bradley*

Diameter. ....											
Height. ....											
Altitude. ....											
Year .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January. ....											
February. ....											
March. ....											
April. ....										# 1.50	
May. ....										2.98	
June. ....										5.10	
July. ....										6.13	
August. ....										8.00	
September. ....										4.55	
October. ....										3.15	
November. ....										1.08	
December. ....										2.05	
TOTALS ....										4	

1879 The figures printed by the "Preston Guardian" are the mean of the gauges at Barnacre and Grizedale

# RAINFALL AT *Garstang, Barnacre Rd.*

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

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

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

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

Observer \_\_\_\_\_

*Lancashire*  
*T. Ducaison, Esq.*  
*J. Bradley, Esq.*

*Wyre 6 5*

Diameter ....	<i>10</i>										
Height .....	<i>1.0</i>										
Altitude ....	<i>677</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>.60</i>	<i>.72</i>	<i>3.60</i>	<i>6.50</i>	<i>5.90</i>	<i>2.83</i>	<i>5.40</i>	<i>3.10</i>	<i>2.10</i>	<i>2.38</i>	<i>3.313</i>
February ....	<i>2.95</i>	<i>5.25</i>	<i>3.30</i>	<i>3.35</i>	<i>3.35</i>	<i>3.95</i>	<i>1.50</i>	<i>2.60</i>	<i>.70</i>	<i>2.52</i>	<i>2.947</i>
March .....	<i>2.80</i>	<i>4.62</i>	<i>4.05</i>	<i>1.07</i>	<i>3.74</i>	<i>4.10</i>	<i>4.05</i>	<i>2.55</i>	<i>3.25</i>	<i>3.30</i>	<i>3.553</i>
April .....	<i>1.90</i>	<i>2.13</i>	<i>4.80</i>	<i>2.50</i>	<i>1.19</i>	<i>1.85</i>	<i>2.85</i>	<i>1.45</i>	<i>1.95</i>	<i>2.50</i>	<i>2.312</i>
May .....	<i>2.48</i>	<i>5.60</i>	<i>2.75</i>	<i>1.60</i>	<i>2.85</i>	<i>2.15</i>	<i>5.70</i>	<i>1.98</i>	<i>1.48</i>	<i>3.85</i>	<i>3.044</i>
June .....	<i>5.27</i>	<i>4.75</i>	<i>5.60</i>	<i>4.00</i>	<i>.97</i>	<i>2.90</i>	<i>2.20</i>	<i>.52</i>	<i>2.55</i>	<i>1.35</i>	<i>3.011</i>
July .....	<i>4.52</i>	<i>6.62</i>	<i>8.52</i>	<i>4.00</i>	<i>7.94</i>	<i>2.05</i>	<i>6.60</i>	<i>3.85</i>	<i>7.20</i>	<i>3.50</i>	<i>5.180</i>
August .....	<i>2.68</i>	<i>7.45</i>	<i>5.77</i>	<i>3.90</i>	<i>2.59</i>	<i>2.40</i>	<i>2.70</i>	<i>2.65</i>	<i>3.80</i>	<i>6.70</i>	<i>4.064</i>
September....	<i>4.90</i>	<i>2.85</i>	<i>2.45</i>	<i>6.42</i>	<i>4.40</i>	<i>7.40</i>	<i>5.75</i>	<i>4.95</i>	<i>2.80</i>	<i>4.60</i>	<i>4.652</i>
October .....	<i>4.70</i>	<i>3.10</i>	<i>5.10</i>	<i>5.90</i>	<i>3.47</i>	<i>5.30</i>	<i>6.50</i>	<i>2.50</i>	<i>2.95</i>	<i>4.80</i>	<i>4.482</i>
November....	<i>6.56</i>	<i>5.75</i>	<i>6.10</i>	<i>5.05</i>	<i>1.96</i>	<i>4.10</i>	<i>4.20</i>	<i>3.35</i>	<i>5.40</i>	<i>2.30</i>	<i>4.477</i>
December ....	<i>6.00</i>	<i>5.25</i>	<i>3.45</i>	<i>3.15</i>	<i>5.22</i>	<i>1.75</i>	<i>4.30</i>	<i>3.05</i>	<i>3.60</i>	<i>3.55</i>	<i>3.932</i>
TOTALS ....	<i>45.26</i>	<i>54.09</i>	<i>55.49</i>	<i>47.44</i>	<i>43.58</i>	<i>40.78</i>	<i>51.75</i>	<i>32.55</i>	<i>37.78</i>	<i>41.35</i>	<i>45.017</i>

*1880. Garstang*

*4 1/2 miles SW.*

# RAINFALL AT

*Garstang Barnacre Reservoir*

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

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

County of *Lancashire*

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

Observer *C. Arthur Esq*

*Wye 65*

Diameter ....	10										
Height .....	10										
Altitude ....	<i>517 ft</i>										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.00	2.40	3.49	1.70	4.05	2.50	3.50	1.15	4.78	5.60	3.517
February ....	.50	.40	2.25	5.30	5.85	.30	2.03	3.58	3.19	2.34	2.574
March .....	5.00	1.15	.85	1.60	3.65	5.22	5.45	6.08	1.31	2.70	3.301
April .....	1.45	2.55	2.23	.45	2.09	2.71	2.20	3.22	2.71	4.51	2.412
May .....	2.60	2.20	5.90	2.20	2.85	.95	.61	2.40	3.48	3.65	2.684
June .....	5.35	1.55	3.58	2.10	4.50	2.45	3.80	5.03	2.71	2.12	3.319
July .....	4.25	3.80	2.08	4.62	4.25	5.17	5.27	2.12	2.15	2.41	3.612
August .....	8.35	12.00	8.83	4.70	6.55	5.50	4.45	5.66	7.36	2.14	6.534
September....	5.30	6.70	6.25	5.70	.85	1.28	6.15	4.70	2.10	7.01	4.604
October .....	3.90	4.30	5.25	7.45	4.25	5.50	4.80	2.50	4.36	3.92	4.623
November....	7.00	5.28	3.85	2.75	4.70	3.55	1.72	6.05	4.87	3.36	4.313
December ....	.60	7.95	2.90	4.28	4.65	4.22	6.82	5.95	4.75	3.71	4.583
TOTALS . . .	50.30	50.28	47.46	42.85	48.24	39.35	46.80	48.44	43.77	43.47	46.096

1880 -



# RAINFALL AT

*Garstang Bannock Reservoir*

Lat. ....

Lon. ....

County of

*Lancashire North*

Rain Gauge, by

Observer

*C. Arthur Esq. C.E.  
J. Cook Esq. C.E.*

*Wye 5.*

Diameter ..	5										
Height ....	1.0										
Altitude ..	<del>617</del>										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.89	1.73	2.68	4.76	4.71	2.76	5.63	2.50	4.32	2.07	3.605
February ..	3.52	2.05	1.84	5.00	4.29	2.15	3.82	2.47	3.19	2.59	3.092
March ....	.55	3.80	3.43	4.55	3.50	3.43	4.13	5.19	3.23	3.22	3.503
April .....	2.85	2.64	1.70	1.83	3.85	3.42	1.88	1.99	3.40	4.25	2.781
May .....	1.81	1.08	3.58	3.91	2.97	1.02	5.68	4.27	3.23	2.45	3.000
June .....	3.65	2.25	1.27	1.92	1.96	2.40	3.57	9.24	2.85	2.96	3.207
July .....	3.64	.97	4.93	5.12	2.92	3.09	3.17	3.75	4.91	7.81	4.031
August ....	6.03	3.93	3.24	7.10	4.19	5.02	4.04	6.73	5.43	4.21	4.992
September ..	2.39	1.82	1.48	6.09	2.11	3.76	1.72	1.20	6.36	3.18	3.011
October ....	7.21	4.87	4.89	9.91	3.29	3.86	7.37	5.03	2.38	6.25	5.506
November ..	4.70	4.62	2.77	4.09	4.15	5.16	3.52	4.99	4.34	2.14	4.048
December ..	6.24	5.59	4.73	3.41	4.33	1.17	4.04	5.14	3.80	8.95	4.740
TOTALS ..	47.48	35.35	36.54	57.69	42.27	37.24	48.57	52.50	47.44	50.08	45.516

*Hub*

† Inspected . g. erected by C.S.

RAINFALL at Garstang BannockburnCounty of North Lancashire Observer J. Cook Esq. C.E.River Basin Wyre & C 5Smother Rain Gauge, by Patonelli & R

Diameter ...	5											
Height .....	10											
Altitude ...	667											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January	7.02	1.35	4.03	5.08	4.05	5.38	3.68	2.94	4.16	5.96		16.73
February	4.61	4.93	1.99	2.06	3.48	4.84	4.29	1.57	5.28	1.68		15.76
March	95	1.87	7.07	4.71	4.92	2.48	1.99	2.88	2.21	6.80		13.88
April	2.35	3.17	.62	5.06	1.00	3.31	3.73	1.81	1.31	2.37		9.22
May	2.27	1.59	2.10	3.19	3.06	2.28	3.75	2.07	2.53	2.10		10.45
June	2.58	4.32	7.98	2.84	2.21	1.27	3.24	3.75	2.75	2.29		12.03
July	7.55	1.13	4.85	1.57	5.63	4.95	4.01	2.14	5.29	2.28		13.72
August	7.04	4.84	6.40	2.02	2.58	6.02	4.38	9.59	5.64	5.10		24.71
September	63	4.87	2.94	3.31	3.52	1.24	3.43	4.72	9.42	3.76		21.33
October	3.29	4.73	5.57	2.65	2.03	2.22	9.53	8.70	5.22	3.09		26.54
November	5.15	5.38	5.59	5.42	6.00	2.34	4.83	6.07	3.61	2.77		16.78
December	3.95	7.22	4.69	3.51	5.46	3.52	3.81	2.90	9.78	6.57		23.06
TOTALS	47.39	45.40	53.83	41.42	43.94	44.85	50.17	49.14	57.20	44.79	47.813	201.30
	2	2	2	2	2	2	2	2	2	2		47.813

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 55' 30" N	2° 42' 15" W	Garstang & Bannockburn					

RAINFALL at Garstang, Barnacre Reservoir No. 2.County of N LancashireObserver J. Cook Esq. C.E.  
(1925) G. F. Dickinson Esq. C.E.River Basin Wyre & C 5

Fylde Water Bd.

Snowdon Rain Gauge, by Pastorelli & RophinAs 1881-1915 45.7

Diameter ...	5											
Height .....	10											
Altitude ...	616									617.		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS. 1920	
January ...	5.25	7.47	3.68	4.68	4.14	3.32	5.78	4.88	11.73	2.42	6.94	Totals 60.29
February ...	3.11	3.4	5.95	6.01	7.2	5.31	5.37	3.16	5.40	1.39	.39	37.15
March .....	5.43	4.84	2.68	1.59	1.93	1.36	1.34	3.66	3.57	1.47	3.59	31.46
April .....	5.72	2.19	2.24	3.52	1.86	2.91	1.57	1.91	1.71	1.68	2.51	28.03
May .....	6.39	3.36	2.22	2.60	5.27	4.69	3.08	1.82	.96	2.56	2.06	36.01
June .....	2.88	.63	3.41	1.28	3.17	.64	4.09	4.26	8.80	2.38	2.08	33.72
July .....	6.60	1.82	6.90	5.56	4.06	3.65	5.32	5.48	4.81	5.13	4.54	53.87
August .....	2.88	7.67	5.64	8.04	7.77	4.88	4.07	8.46	7.09	7.30	9.19	72.99
September...	3.90	1.95	6.47	5.45	6.31	5.32	5.39	9.75	2.51	2.97	2.59	52.61
October .....	1.64	2.65	1.12	7.02	5.23	6.84	4.91	4.70	6.70	4.25	7.44	55.50
November...	2.60	2.90	3.42	7.31	2.88	2.57	7.44	5.84	7.90	8.08	6.22	57.16
December...	3.43	7.01	5.69	5.50	7.03	3.02	1.48	1.27	3.80	8.25	5.34	51.82
TOTALS...	49.83	42.83	49.42	59.67	50.37	44.51	49.84	55.19	64.98	51.08	52.89	570.61
	D	D	D	D	D	D	D	D	D	D	D	42.83

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	55° 55' 30"	2° 45' 15"	Garstang & Battershall	4 m.	S.W.	Balder Vale	3 m.	S.E.



RAINFALL at Garstang (Barnacre Reservoir)County of North LancashireObserver Fylde Water BoardRiver Basin Wyre & C. - S.Type of Gauge StandardAnnual Average 45.7 in. based on 35 years obs. un-weighted. Period of average 1884-1915 Ref. 5

697676/26.

Diameter	5.											
Height	1.0.											
Altitude	616.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	52.9	5.13	3.67	4.84	2.48	4.59	3.29	5.83	4.49	2.76		Totals 42.57
February	4.78	.07	3.82	.20	6.47	2.87	6.54	2.02	3.74	1.73		31.74
March	4.8	2.57	2.55	2.74	1.25	3.00	1.59	1.24	2.44	3.98		22.14
April	2.98	3.32	2.42	2.91	2.94	.88	3.34	.60	2.36	2.68		24.43
May	2.71	5.15	2.40	4.26	1.20	1.30	2.22	4.00	1.23	1.89		26.36
June	7.64	1.50	2.83	2.57	6.02	5.58	2.89	5.47	3.76	.95		39.21
July	5.95	5.96	3.33	2.75	2.04	5.54	2.24	5.57	6.89	5.30		45.57
August	4.52	1.84	2.93	6.72	3.28	4.15	2.81	3.85	2.10	2.96		35.16
September	3.69	7.47	1.09	4.91	7.90	5.15	3.29	2.94	1.89	5.38		43.71
October	3.70	8.41	6.22	7.69	8.54	3.71	2.65	11.13	1.80	5.04		58.89
November	9.11	3.92	2.77	1.80	5.01	5.22	2.22	6.05	6.21	5.51		47.82
December	4.03	3.13	.98	6.52	3.56	6.51	3.04	5.39	3.17	5.08		44.41
TOTALS	54.88 2.	48.77 2	35.01 2.	47.91 2.	50.69 2.	48.20 2.	36.12 2.	54.09 2.	40.28 2.	43.26 2.		459.21 17.14

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
1931			Garstang	4 m.	SW	Caldes Vale	3 m.	SE.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3259

RAINFALL at Garsdang (Barnack Reservoir)

41

County of North Lincolnshire Observer Lydd Water Board.River Basin Wye & C. - S.Type of Gauge StandardAnnual Average 45.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 697679/26

Diameter	5"			578	008							
Height	1' 0"				1							
Altitude	616'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.53	4.86	7.96	5.54	4.32	5.00	3.68	8.48	2.84	2.93		Totals 47.16
February	6.34	1.75	2.71	1.92	5.41	4.57	.42	2.73	2.24	5.13		33.22
March	2.72	3.02	1.02	.71	2.76	1.23	6.32	3.12	2.38	2.68		25.76
April	1.51	2.06	2.85	3.53	2.28	1.50	3.99	1.78	4.78	2.80		27.08
May	3.32	3.83	4.22	4.12	8.63	1.90	2.74	1.69	2.54	1.53		29.52
June	.63	1.27	3.39	3.99	5.52	3.57	3.27	5.50	1.16	4.53		32.83
July	2.36	5.61	5.46	4.87	3.90	6.42	4.71	3.61	8.06	5.31		47.31
August	5.68	5.13	8.34	2.84	1.87	7.03	.30	4.34	4.15	8.95		48.63
September	1.59	5.00	5.90	7.75	4.08	6.95	5.08	5.62	1.91	8.55		52.41
October	5.64	6.30	5.01	5.96	6.20	.64	.68	4.36	6.45	4.39		45.63
November	2.63	1.14	3.84	6.90	.29	6.71	5.41	3.30	6.26	5.47		42.00
December	2.75	5.13	2.51	4.50	3.01	5.73	2.89	3.49	6.86	3.45		40.32
TOTALS	36.75 D	45.10 D	53.21 D	52.63 D	43.27 D	51.25 D	39.49 D	48.02 D	46.63 D	55.72 D		472.07 D

416.35

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.
1941			Garsdang & Battersdale	4 m.	S.W.	Golden Vale	3 m.	S.E.

BRITISH RAINFALL ORGANIZATION



