

70 RAINFALL AT *Bradford Brayshaw Reservoir*

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

A. R. Bennie Esq. C.E.

2

Diameter...							5	.	.	.	
Height ...							1	.	.	.	
Altitude ...							982	.	.	.	
Year ...	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January ...							# 1 03	5 08	4 82	1 47	
February. ..							4 05	3 76	1 54	2 95	
March.....							4 76	3 32	2 35	1 88	
April							2 65	3 37	2 34	2 63	
May							1 04	1 70	6 17	1 55	
June							2 46	1 65	3 22	6 12	
July.....							2 10	3 90	1 13	5 28	
August ...							2 65	5 34	7 78	4 50	
September ..							3 83	3 79	4 48	1 79	
October							2 81	5 28	3 57	1 80	
November ..							4 19	4 51	2 91	1 45	
December ..							7 66	3 83	2 16	2 05	
TOTALS ..							39 23	45 53	42 47	33 47	

RAINFALL AT *Bradford, Brayshaw Rd* 80

Lat. _____

Lon. _____

 County of *Yorks*

Rain Gauge, by _____

 Observer *A. R. Quince, Esq., C. E.*

 No. *2*
Cuse. Air. - 9

Diameter	<i>5</i>										
Height	<i>1.0</i>										
Altitude	<i>982 ft</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.27</i>	<i>.37</i>	<i>3.71</i>	<i>4.65</i>	<i>6.14</i>	<i>1.99</i>	<i>6.43</i>	<i>2.00</i>	<i>1.58</i>	<i>2.04</i>	<i>2.918</i>
February	<i>2.91</i>	<i>4.60</i>	<i>2.09</i>	<i>1.99</i>	<i>2.61</i>	<i>2.91</i>	<i>.71</i>	<i>.71</i>	<i>.95</i>	<i>2.00</i>	<i>2.228</i>
March	<i>2.99</i>	<i>4.47</i>	<i>3.90</i>	<i>1.71</i>	<i>2.03</i>	<i>2.04</i>	<i>4.87</i>	<i>2.08</i>	<i>4.32</i>	<i>2.78</i>	<i>3.119</i>
April	<i>2.10</i>	<i>1.69</i>	<i>4.82</i>	<i>3.29</i>	<i>2.02</i>	<i>1.48</i>	<i>2.94</i>	<i>.95</i>	<i>3.43</i>	<i>3.50</i>	<i>2.622</i>
May	<i>2.75</i>	<i>1.59</i>	<i>1.38</i>	<i>.92</i>	<i>1.74</i>	<i>1.70</i>	<i>5.49</i>	<i>2.17</i>	<i>1.05</i>	<i>2.94</i>	<i>2.173</i>
June	<i>3.01</i>	<i>1.95</i>	<i>4.51</i>	<i>3.72</i>	<i>1.63</i>	<i>3.53</i>	<i>1.34</i>	<i>.22</i>	<i>3.36</i>	<i>1.18</i>	<i>2.445</i>
July	<i>5.65</i>	<i>4.08</i>	<i>4.32</i>	<i>4.44</i>	<i>5.15</i>	<i>1.21</i>	<i>5.63</i>	<i>2.03</i>	<i>6.13</i>	<i>3.88</i>	<i>4.249</i>
August	<i>1.90</i>	<i>4.37</i>	<i>2.00</i>	<i>2.57</i>	<i>1.25</i>	<i>1.01</i>	<i>1.68</i>	<i>2.24</i>	<i>3.14</i>	<i>4.52</i>	<i>2.462</i>
September ...	<i>3.60</i>	<i>3.37</i>	<i>2.42</i>	<i>8.06</i>	<i>2.09</i>	<i>4.27</i>	<i>2.26</i>	<i>4.95</i>	<i>.90</i>	<i>1.58</i>	<i>3.349</i>
October	<i>3.95</i>	<i>4.27</i>	<i>4.51</i>	<i>4.48</i>	<i>2.46</i>	<i>6.91</i>	<i>6.34</i>	<i>3.07</i>	<i>1.66</i>	<i>5.15</i>	<i>4.274</i>
November	<i>3.62</i>	<i>5.04</i>	<i>6.06</i>	<i>4.35</i>	<i>1.67</i>	<i>2.75</i>	<i>2.61</i>	<i>3.09</i>	<i>9.77</i>	<i>.95</i>	<i>3.993</i>
December	<i>4.85</i>	<i>3.33</i>	<i>4.57</i>	<i>2.17</i>	<i>5.13</i>	<i>1.35</i>	<i>5.03</i>	<i>2.72</i>	<i>2.19</i>	<i>2.36</i>	<i>3.370</i>
TOTALS	<i>37.60</i>	<i>39.38</i>	<i>44.89</i>	<i>42.26</i>	<i>33.92</i>	<i>31.15</i>	<i>45.32</i>	<i>26.17</i>	<i>38.50</i>	<i>32.88</i>	<i>37.202</i>

RAINFALL AT Bradford Prayshaw Reservoir

Lat. _____

Lon. _____

County of York W.R.

Rain Gauge, by _____

Observer J. Webster Esq. C.E.
Watson Esq. C.E.

Ruse-Aire G.

Diameter	5										
Height	1 0										
Altitude	982 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.73	2.53	3.42	1.10	4.23	3.75	1.48	2.08	2.97	5.77	2.206
February ....	.95	.23	2.89	4.18	6.16	.76	1.52	2.35	3.39	2.10	2.453
March	2.65	2.14	1.40	.81	3.13	2.96	4.83	4.73	1.39	2.13	2.620
April	1.07	2.25	1.67	.75	3.37	2.48	1.95	2.59	3.29	2.75	2.220
May	3.40	2.82	3.72	2.24	1.94	.43	.63	1.05	3.15	3.78	2.316
June	3.44	1.39	4.46	2.52	3.14	3.26	4.16	4.36	2.55	1.88	3.116
July	2.33	2.98	2.45	3.15	3.77	5.96	2.31	1.07	1.43	2.10	2.755
August	5.68	6.17	3.41	2.31	3.14	3.12	1.61	3.93	4.56	2.00	2.593
September....	1.75	2.59	2.61	2.31	.62	1.51	6.14	3.98	.71	6.10	2.832
October	1.84	14.12	8.67	3.26	5.41	3.86	4.76	1.97	5.66	3.12	4.267
November....	4.42	3.50	2.51	2.43	1.78	4.54	1.46	3.77	2.69	1.60	2.870
December	1.05	7.41	1.66	3.47	3.09	4.51	4.37	4.86	4.19	3.00	3.761
TOTALS ...	33.34	38.13	38.87	28.53	39.78	37.14	35.22	36.74	35.98	36.36	36.009

1880 -

RAINFALL AT Bradford Brayshaw Reservoir

Lat. Lon. County of York W.R. Central

Rain Gauge, by Observer J. Watson Esq. CL.

Case No. 9

Diameter ..	5										
Height	10										
Altitude ..	982 K										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.72	2.73	2.67	3.21	3.42	1.51	5.31	1.98	2.87	2.22	3064
February ..	4.91	1.66	1.69	3.91	4.61	1.88	2.79	2.48	2.69	1.16	2778
March	1.03	3.05	1.72	4.67	2.49	2.70	2.90	3.35	3.96	3.77	2964
April	1.86	2.19	2.16	2.02	2.46	2.67	1.24	2.29	2.83	3.35	2307
May	1.47	1.43	3.20	3.46	3.26	.71	3.05	3.55	2.24	2.47	2484
June	3.42	1.07	2.26	1.24	1.46	2.61	1.72	5.24	1.68	2.57	2327
July	4.35	1.92	3.09	3.92	2.83	1.58	2.59	2.25	4.05	4.51	3109
August	7.18	2.26	3.74	3.95	4.51	5.56	2.98	2.60	3.01	2.74	3853
September ..	.81	1.33	2.17	4.69	.70	2.00	.92	.80	3.30	3.41	2103
October	5.20	2.05	4.04	11.27	.94	2.96	6.12	6.00	1.92	3.67	14417
November ..	4.41	6.07	2.77	2.29	3.08	4.56	4.56	3.34	2.17	1.25	3460
December ..	4.77	5.92	3.87	2.12	2.58	.94	3.80	3.99	2.02	5.88	3589
TOTALS ..	44.13	31.68	33.38	46.75	32.34	29.68	37.98	37.87	32.74	37.10	36265

H. H. H.

RAINFALL at Bradford Braye Law ReservoirCounty of W. YorkshireObserver J. Watson Esq. C.E.River Basin Ouse - Aire 9L. Mitchell Esq. C.E. (1915)

Rain Gauge, by _____

Diameter ...	5											
Height	10											
Altitude ...	982 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. TOTALS	
January ...	5.09	1.30	4.84	3.90	3.18	5.16	3.26	2.15	2.94	5.19	13.54	
February ...	3.73	4.14	2.23	1.52	2.41	3.67	5.78	.84	5.15	1.88	13.65	
March .....	.59	1.59	4.66	4.32	4.39	.93	3.90	3.25	1.72	4.32	13.19	
April	2.88	1.44	.90	3.34	1.49	1.13	2.24	1.96	.92	1.58	6.70	
May	2.59	.89	3.57	3.35	1.26	1.67	2.93	2.35	3.52	1.98	10.78	
June	3.42	3.45	6.27	1.92	2.79	.85	2.08	2.07	1.71	1.00	6.86	
July	2.96	.14	5.49	1.16	4.04	4.95	3.47	1.31	6.09	2.53	13.40	
August	4.23	1.94	6.58	1.31	2.86	4.95	2.02	6.69	2.10	2.44	13.25	
September ..	.09	3.03	1.84	2.03	1.92	.56	1.69	1.49	9.41	1.67	14.26	
October ...	3.85	3.61	4.39	2.87	2.58	1.63	6.54	6.23	2.29	2.39	17.45	
November ..	4.23	3.78	2.56	3.80	5.52	1.72	3.14	3.88	1.40	3.22	11.64	
December ...	4.49	4.75	4.28	2.76	6.11	7.34	2.91	2.04	6.24	6.24	17.43	
TOTALS ...	38.15	30.06	47.61	32.28	38.55	34.50	39.96	34.26	43.49	34.44	152.15	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Bradford Brayshaw ReservoirCounty of N. B. YorkshireObserver L. Mitchell Esq. L.C.River Basin Cuse. Aire 9Engl. BradfordRain Gauge, by BradfordW. Newlands, Esq. L.C. (1930)Glass .02
out in 100 (reading
less small)5.00
4.98
5.02surrounded by railing
at a distance of 9 in. + height of ft.

Diameter ...	5"											
Height	1	0										
Altitude ...	982											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930	1920-30 Totals
January ...	4.14	6.58	3.86	2.67	2.31	4.21	3.95	3.14	8.94	1.63	6.00	47.43
February ...	2.89	1.3	3.69	5.92	.97	6.35	3.48	1.59	4.59	6.8	1.20	31.49
March	2.41	2.08	2.61	1.87	1.45	1.50	1.65	3.38	2.77	.46	2.80	22.98
April	4.23	1.17	3.45	2.23	1.97	3.60	1.64	2.78	1.05	1.28	3.08	26.48
May	4.64	1.57	1.14	3.93	4.51	4.84	3.84	1.46	1.89	1.85	.65	30.32
June	2.17	.04	1.86	.84	2.69	.11	3.18	3.32	6.43	1.12	2.00	23.76
July	7.76	1.31	4.73	3.53	3.93	1.27	3.82	3.31	.81	2.18	6.00	38.65
August	1.56	4.15	5.88	4.16	3.78	4.03	3.49	6.34	4.22	3.16	4.50	45.21
September...	1.38	1.30	3.98	3.55	3.73	3.10	2.62	4.49	.50	.45	5.40	30.50
October	2.67	2.55	.82	3.69	3.91	4.23	4.10	3.85	5.88	4.65	4.76	40.91
November...	1.99	2.58	1.78	4.67	3.06	2.39	5.49	3.82	6.76	6.40	5.10	44.04
December...	3.77	5.56	4.09	3.05	3.54	4.48	1.50	1.85	2.05	8.01	3.40	41.30
TOTALS...	39.61	29.02	37.89	40.11	35.85	40.11	38.76	39.33	45.69	31.87	44.89	423.13

Inspected 7.10.32 Is in good position with sufficient shelter on S, W. & N.

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Bradford (Brayshaw Reservoir)

County of West Riding
River Basin Ouse-Aire-9.
Type of Gauge Snowdon

Observer Bradford Corpn. W.W. The Waterworks
H. Newlands Esq. CE Engineer

Annual Average 36.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref S

660554/26

Diameter	5.											
Height	1.0.											
Altitude	982.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1921-40 Means 1921-40	
January	4.10	3.95	2.45	3.20	2.20	4.55	4.70	6.10	6.10	2.46	39.81	
February	4.60	.80	3.40	.25	6.65	2.75	5.70	1.93	4.16	3.45	33.19	
March	.60	2.35	2.25	3.00	2.00	2.75	2.70	.90	2.75	2.80	22.10	
April	3.70	3.75	2.15	3.00	4.20	1.70	1.65	.45	1.50	3.60	25.70	
May	2.70	5.00	2.55	1.94	.60	1.22	2.76	4.33	0.97	.70	22.77	
June	6.20	.60	1.90	1.55	3.86	4.88	1.85	4.10	2.79	.42	28.15	
July	3.70	4.75	2.55	2.40	1.95	3.70	2.96	4.80	5.50	2.84	35.15	
August	4.50	1.30	1.55	2.36	1.20	2.78	.88	5.12	2.12	.98	22.79	
September	3.75	4.00	2.21	1.96	6.48	4.65	1.78	2.45	1.42	3.60	32.30	
October	2.10	5.65	4.68	4.00	9.20	4.33	2.40	8.86	2.28	4.35	47.85	
November	7.66	2.10	2.25	2.30	6.66	5.60	2.10	6.00	6.13	6.97	47.77	
December	2.20	1.38	0.60	5.95	3.50	4.30	2.60	4.15	2.56	3.10	30.34	
TOTALS	45.81	35.13	28.54	31.91	48.50	43.21	32.08	49.19	38.28	35.27	387.92	

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	Parish Church.	Distance from gauge	Direction

Station No. T.F. 3265

RAINFALL at Bradford (Braydon Reservoir)

41

County of West Riding Observer The Waterworks Engineer

River Basin Ouse Aire

Type of Gauge S. standard

Annual Average 36.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S.

Av. Sept. H. low? 4.13 1909

File No. 6695514/26

Diameter	5"			075	509							
Height	1' 0"				1							
Altitude	982'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	1941-50
January	3.00	2.90	5.05	6.10	3.75	3.82	2.98	4.26	2.10	2.15	41.11	
February	5.33	1.90	2.42	1.70	4.61	5.89	3.65	3.70	2.75	6.75	38.70	
March	4.83	2.74	1.36	.38	.77	1.68	7.00	1.43	1.20	1.63	23.02	
April	2.77	1.76	2.00	2.96	2.53	1.64	3.28	2.60	3.91	3.96	27.44	
May	2.73	3.38	3.18	1.80	3.24	1.88	5.11	.96	2.64	2.20	27.15	
June	.64	1.20	3.25	3.07	3.57	2.77	3.11	4.45	.57	.70	23.33	
July	1.24	2.25	1.92	3.37	1.92	3.80	1.99	1.00	3.90	3.47	24.86	
August	5.13	4.20	3.95	3.26	4.60	5.71	.15	3.14	2.83	4.90	37.87	
September	.48	2.73	3.95	6.65	2.32	6.77	1.85	1.61	1.00	6.44	32.80	
October	4.72	4.20	2.57	4.27	5.15	.92	1.11	2.08	3.78	2.00	30.80	
November	3.65	1.67	3.22	6.85	.50	6.55	5.42	1.58	5.85	4.57	39.86	
December	1.85	2.64	2.11	4.47	2.10	2.68	3.68	3.26	6.90	1.85	31.54	
TOTALS	36.37	31.57	34.98	44.88	35.06	44.11	39.36	35.07	37.46	29.62	378.48	

941 Jan. 20th d. from map.

40004

338.86

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.

BRITISH RAINFALL ORGANIZATION

Station No. 3265

51

RAINFALL at Bradford (Brayshaw Reservoir)

County of West Riding - Yorks.

Observer

The Waterworks Engineer,

River Basin Cuse - Arie - 9

Type of Gauge Longdon Bradford 257/51

Annual Average 36.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S.

38.33 " " " " 1916-1950

1916-1950 Ref. P

File No. E 28502/55

Diameter ...	5"			0.75	509							
Height ...	1'0"				1							
Altitude ...	982'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	3.75	4.12	1.34	3.30	2.18	5.98	3.16	3.50	3.12	5.90	36.35	
February ...	3.05	1.14	2.05	3.15	2.75	1.86	3.18	6.26	.35	2.62	26.41	
March ...	4.40	2.33	1.98	2.20	2.55	1.58	3.23	2.25	1.42	2.37	24.31	
April ...	1.65	2.10	2.75	.52	1.13	2.88	.32	1.00	3.73	1.96	18.04	
May ...	4.55	1.89	1.96	3.19	2.70	1.17	1.53	4.21	1.41	1.53	24.14	
June ...	1.52	2.35	3.75	2.22	2.40	3.44	1.73	5.68	2.69	1.08	26.86	
July ...	3.27	1.67	2.58	3.16	.70	5.96	3.53	4.70	3.20	5.04	34.81	
August ...	5.04	4.13	3.95	7.88	.83	8.98	5.14	2.90	.72	5.74	45.31	
September ...	2.32	3.69	3.17	3.99	1.58	4.42	4.74	4.01	.32	3.25	31.49	
October ...	1.45	4.60	1.84	6.38	2.32	1.96	4.26	3.53	4.42	6.85	37.61	
November ...	8.67	2.10	4.45	5.79	2.52	1.67	2.42	1.12	4.57	6.99	40.30	
December ...	6.15	3.55	2.15	6.40	5.06	5.02	4.15	4.75	6.48	4.37	48.08	
TOTALS ...	45.82	33.67	32.97	48.18	26.72	44.92	37.39	43.91	32.43	47.70	393.71	
		M	M						M	M		

Inst. Mr. O'Hare 23.9.58 f. wind. Slight over exposure to SW. 1/2" cap. measure used.

Position of Station on Ordnance One-Inch map :

No. of Map 96

National Grid Reference SE(44)122306

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	