

RAINFALL AT

Bradford Sister Park

Lat. _____

Lon. _____

County of W.R. York (central)

No. 0 Rain Gauge, by _____

Observer Mr H. Lander

Pure - Case 9

Diameter ...									8		
Height									10		
Altitude ...									1440 ft		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									2.10	2.23	
February ...									2.70	.77	
March									3.65	4.14	
April									2.21	3.12	
May									2.02	2.42	
June									1.28	3.06	
July									3.35	3.30	
August									2.48	2.93	
September ...									3.05	3.24	
October ...									1.94	2.77	
November ..									2.11	.90	
December ...									2.31	5.99	
TOTALS ...									29.20	34.87	

1908 1/2 Lakes Church 1/4 mile S.W.
 Bradford Station 1 mile E
 Trees 40 ft high 50 yards S.E.

RAINFALL at

Bradford Light Park

County of W. Yorkshire

Observer Mr H Lander

River Basin Aire & Wharfe 9

M.O. Rain Gauge, by

Diameter ...	8										
Height	1.0										
Altitude ...	440 ft	475	440						439		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS: 1910-19 1910-15
January	6.27	1.30	5.51	4.26	2.34	4.69	2.69	2.54	2.56	5.48	13.27
February	3.44	3.61	2.24	1.27	2.69	4.40	5.68	.63	4.22	1.88	12.38
March	.63	.98	4.78	4.44	3.56	1.06	4.21	3.34	1.65	6.11	15.31
April	2.49	1.03	.61	3.58	1.47	1.37	1.67	1.91	.76	1.90	6.24
May	2.09	.97	2.96	2.59	1.02	2.42	2.61	2.53	3.40	2.04	10.58
June	3.45	2.32	6.18	1.61	2.76	2.44	2.03	2.13	1.24	.91	6.31
July	2.64	.19	3.62	.72	4.08	4.44	2.74	1.17	5.57	5.59	12.87
August	4.22	2.04	6.08	1.60	2.29	3.96	2.17	6.00	1.86	2.41	12.44
September	.14	2.93	1.62	1.68	1.57	.55	1.89	.99	7.89	1.07	11.84
October	3.58	3.43	3.35	2.59	2.13	1.62	6.04	5.97	1.89	2.28	16.18
November	4.47	3.55	2.51	3.24	5.42	2.03	3.42	2.92	1.57	2.76	10.67
December	3.51	4.68	4.19	2.70	7.17	7.73	2.99	2.00	5.29	5.64	15.92
TOTALS	36.93	28.03	43.65	30.28	36.50	36.71	38.14	32.13	37.90	55.84	144.01

1912 Trees 35 ft high 60 yds N
1918 40 ft

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.49	1.46	Manningham	1/2 m	E	Heaton	1/2 m	W

RAINFALL at Bradford-Lister ParkCounty of W. YorksObserver H. Lister Esq.River Basin Cuse-Cire1928. J. Moorby Esq.Rain Gauge, by M. G.

Diameter ...	8											
Height	1	0										
Altitude ...	439											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 MEANS.
January ...	4.62	5.54	4.54	2.14	2.64	4.27	3.90	2.99	8.12	2.20	5.43	46.69
February ...	2.88	1.3	3.47	6.09	.89	5.67	2.63	1.58	4.43	.73	1.18	29.68
March	2.73	2.01	2.53	1.67	1.50	1.04	1.36	3.13	5.43	.28	2.90	22.58
April	4.22	1.29	3.48	2.31	2.07	2.78	1.47	2.69	1.05	.96	3.28	25.60
May	3.62	1.44	1.10	3.39	4.65	4.48	2.83	1.38	1.91	1.57	1.56	27.93
June	2.21	.05	1.41	1.00	1.83	.08	2.96	3.24	6.04	.90	2.57	22.29
July	6.97	1.49	4.24	3.25	3.39	1.06	2.13	3.94	0.78	2.15	5.81	35.21
August	1.68	4.11	5.40	3.76	2.86	3.64	3.03	5.79	5.92	2.19	4.20	40.58
September...	1.46	1.13	3.22	3.15	3.46	2.65	1.82	4.07	0.68	.63	4.87	26.94
October	3.19	1.98	.88	3.07	3.01	3.65	3.62	3.74	5.04	3.63	3.65	35.46
November...	2.02	2.35	1.64	4.77	2.67	2.37	5.82	3.43	6.72	6.18	4.48	41.85
December...	3.82	4.90	3.54	3.43	4.27	5.16	1.06	2.67	1.99	7.33	3.08	41.30
TOTALS...	39.42	26.72	35.45	38.08	33.24	36.85	32.63	38.65	43.31	28.80	43.01	396.11

1920 Gauge 4 ft high 30 yds N
 a. seen 7.7.10.22. Good open position but not quite horizontal.

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
1920	53° 49'	1° 46'	Fryinghall	1/2 mi	N	Heaton	1/2 mi	N

RAINFALL at Bradford (Lister Park) M.W.R.County of West Riding Observer Mr. J. Moorby,River Basin Ouse-Aire-9. De CorporationType of Gauge 33.95Annual Average 31.4 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. Bot N66554/26

Diameter	8											
Height	1.0.											
Altitude	439											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total	
January	2.56	2.60	2.47	2.69	1.50	4.86	3.78	4.31	7.04	3.53	35.34	
February	3.62	.76	4.46	.13	4.40	2.38	5.18	1.37	2.95	2.33	27.58	
March	.43	2.03	1.26	2.65	1.17	2.80	3.31	.38	2.44	2.10	18.27	
April	3.60	3.14	1.44	2.85	4.15	1.61	2.52	.22	1.11	2.89	23.53	
May	2.32	3.94	2.80	1.88	.86	1.46	2.45	4.10	1.06	.56	21.43	
June	5.16	.67	1.25	1.67	3.11	4.78	1.65	3.09	2.51	.31	24.10	
July	3.23	4.77	2.24	2.20	.60	2.75	2.13	3.62	5.89	2.87	30.35	
August	3.30	.96	0.58	1.78	1.31	1.70	1.13	4.69	1.40	.48	17.33	
September	3.81	2.81	1.65	1.81	6.11	3.78	1.46	1.63	1.20	2.66	26.92	
October	1.26	4.35	3.96	2.92	6.94	2.63	2.07	6.51	2.39	3.67	36.70	
November	6.03	2.20	2.20	1.57	6.43	4.07	1.72	4.28	4.74	5.54	38.78	
December	1.48	1.47	0.56	5.52	3.44	2.98	2.99	3.67	1.90	1.76	25.77	
TOTALS	36.85	29.60	24.87	27.67	40.02	35.50	30.39	37.87	34.63	28.70	326.10	
	D	D	D	D	D	D	D	D	D	D		

Inspected 5/6/34. Gauge is in a hole is not right. Chain is not level.
 5/11/34 Gauge altered, & defects remedied.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No. 3266
RAINFALL at Bradford (Lister Park) ✓ MWR 41
 County of West Riding Observer The Corporation
 River Basin Don Aire
 Type of Gauge

Annual Average 33.95 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B. 91

File No.

Diameter	8"		075	632							
Height	1' 0"			1							
Altitude	439'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1881-1915
January	4.74	3.81	4.78	(4.88)	3.56	3.68	2.63	8.04	1.44	2.01	39.57
February	3.64	1.65	1.39	1.70	4.01	4.28	4.60	2.74	2.42	5.77	32.20
March	3.50	2.73	.85	.34	.65	1.28	(5.81)	1.31	1.02	1.30	18.84
April	2.84	1.94	1.31	2.75	2.20	1.50	3.48	2.35	2.86	2.90	24.16
May	1.91	3.53	2.57	1.79	3.13	2.00	4.28	1.02	2.45	1.89	24.57
June	.39	1.15	2.24	2.34	2.86	2.06	2.69	2.85	.40	.52	17.50
July	1.30	2.23	1.61	3.07	2.46	3.11	1.69	1.06	3.32	3.09	22.94
August	3.83	3.54	3.06	2.98	3.69	4.85	.25	3.74	2.88	5.06	33.88
September	.24	1.70	3.45	4.93	1.43	5.31	1.62	1.21	.81	4.55	25.25
October	3.86	2.81	2.04	3.74	5.74	.81	.90	1.15	3.08	1.65	25.78
November	3.34	1.32	2.54	5.90	.31	5.89	3.71	1.29	4.75	3.76	32.81
December	1.67	2.21	2.04	4.72	1.93	2.79	3.19	3.29	5.70	1.81	29.35
TOTALS	31.29 D	28.62 D	27.88 D	33.14 D	31.97 D	37.56 D	34.90 D	30.05 D	31.13 D	34.31 D	326.85 D
				40004			10004				

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

RAINFALL at Bradford (Lister Park) Station No. 3266
 County of West Riding-Yorks Observer W. Corporation
 River Basin Cuse - Aire - 9
 Type of Gauge M.O. + A

51

Annual Average 33.95 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Bif N
33.57 " " 22 " " 1935-1956 1916-1950 P
 File No. _____

Diameter ...	8"		0.75	632	5"	8"				5"		
Height ...	1'0"				1	1	0			1'0"		
Altitude ...	439'			51	439					439'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	3.31	3.99	.45	2.78	1.82	4.66	2.37	3.62	2.99	5.22	5.06	31.21
February ...	3.36	.74	2.39	3.16	2.34	1.33	3.38	5.60	.17	2.68	3.00	25.15
March ...	3.60	2.05	1.33	2.23	2.59	1.14	2.18	1.93	1.51	1.94	.61	20.50
April ...	1.68	1.71	2.43	.44	.89	2.83	.25	.77	8.64	1.50	4.38	16.14
May ...	4.59	1.66	1.59	3.01	2.58	1.04	1.40	4.04	1.19	1.36	2.20	22.46
June94	1.73	2.96	1.66	1.84	2.18	1.65	4.82	2.06	1.18	1.44	21.02
July ...	2.75	1.36	2.91	1.79	1.02	4.55	2.83	3.97	1.96	4.36	4.07	27.50
August ...	5.04	3.80	2.90	7.50	.82	6.75	5.15	2.90	.52	4.31	3.02	39.69
September ...	2.18	2.78	2.86	3.58	1.33	3.44	4.25	3.33	.14	3.11	2.91	27.00
October ...	1.38	4.25	2.16	5.22	2.16	1.79	3.17	2.95	3.74	5.19	3.22	32.01
November ...	7.44	1.51	3.47	5.72	2.59	1.15	2.03	.75	4.47	6.55	2.23	35.68
December ...	5.15	3.00	1.74	3.87	4.44	3.94	3.60	4.38	6.34	4.02	4.21	40.48
TOTALS ...	41.42	28.58	27.19	40.96	24.42	34.80	32.26	39.06	28.73	41.42	36.35	338.84
	D	D	D	D	D	D	D	D	D	D	D	

Jan 1951 Gauge repaired.

May 1955 Inspected - before fair. Ground slopes to NE. at considerable angle. Has recorder
 On 9/9/60, H.T.D. HOUAT, satisfactorily exposed, painted inside to be cleaned off. to be checked
 small leak in funnel & sealed up. Ground slopes SW & NE above 1 in 20
 new x/gauge installed 26/10/1960

Position of Station on Ordnance One-Inch map :

No. of Map 96National Grid Reference SE(44) 149352

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	