

27481

50

Rainfall at Rhodes Wood Reservoir

Cheshire.

Diameter of Gauge, ..... in.

Height above Ground, ..... ft. 1 in.Above Mean Sea Level, 520 ft.Upper Mersey - 1.

YEAR - -					1855	1856	1857	1858	1859	MEANS.
January - -					1.07	2.75	4.50	2.33	2.26	
February - -					1.45	3.74	1.66	.21	3.15	
March - - -					2.60	.31	2.71	2.01	5.80	
April - - -					1.82	3.24	3.35	3.07	4.52	
May - - -					2.68	3.45	1.53	3.61	.29	
June - - -					3.63	2.80	3.83	5.51	3.34	
July - - -					4.58	4.87	5.00	8.08	1.95	
August - - -					3.55	8.86	8.40	7.51	7.10	
September -					1.05	6.14	3.76	3.73	7.10	
October - -					9.15	3.33	2.35	5.95	4.15	
November -					1.28	5.10	1.16	.95	3.15	
December -					1.55	4.57	1.79	4.81	3.53	
TOTALS -					34.49	49.16	40.04	42.77	46.34	

c c c c c



RAINFALL AT *Rhodes Wood Reservoir*

Lat.....

Lon.....

County of *Cheshire*

Rain Gauge, by.....

Observer

*J. H. Bateman Esq**upper meag - 1.*

Diameter.....	1	.										
Height.....	1	.	.									
Altitude.....	520	.										
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.60	1.24	4.73	3.07	4.15	4.06	2.32	6.00	6.16	1.50	3.583	
February.....	7.61	3.97	4.42	1.10	2.02	1.11	4.73	5.77	1.50	3.16	2.939	
March.....	3.00	7.21	3.32	2.66	4.66	.72	5.15	4.05	3.20	1.88	2.985	
April.....	2.53	4.51	4.50	1.07	1.82	1.77	2.91	2.53	2.30	2.20	2.614	
May.....	1.94	2.59	3.55	2.82	2.90	2.20	1.55	4.55	3.80	3.13	2.906	
June.....	2.93	4.18	6.70	2.90	1.28	3.05	3.73	3.31	3.20	5.60	3.688	
July.....	2.69	4.70	4.98	4.64	2.40	4.58	4.21	5.59	.70	5.77	4.026	
August.....	2.26	1.78	4.25	5.05	5.65	3.53	4.24	6.25	5.60	6.57	4.518	
September.....	3.11	5.15	7.81	3.25	3.70	5.97	4.74	4.05	5.75	2.80	4.633	
October.....	11.07	4.94	5.84	5.75	4.12	5.95	2.58	4.35	3.63	3.45	5.169	
November.....	2.71	1.89	5.60	3.85	6.40	5.86	3.76	6.55	4.50	2.33	4.345	
December.....	3.43	2.03	3.55	1.50	3.43	1.90	6.93	4.05	2.20	3.52	3.334	
TOTALS.....	39.08	38.99	59.25	37.66	42.53	40.73	46.85	57.05	42.54	41.91	44.739	

# RAINFALL AT *Phodes Wood Reservoir*

80

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

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

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

*Cheshire*

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

Observer \_\_\_\_\_

*J. P. Dutton, Esq. F.R.S.*

*Upper Menny - 1.*

Diameter ....	12										
Height .....	1.0										
Altitude ....	520										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	78	65	413	5.50	6.70	2.55	6.16	1.96	2.27	2.35	3.305
February ....	4.30	5.73	3.80	2.50	2.65	3.07	73	1.20	1.40	2.81	2.819
March .....	3.57	5.58	3.37	.89	2.25	2.60	2.80	1.82	3.15	4.74	3.077
April .....	2.35	1.33	4.56	2.04	2.19	2.39	2.72	1.73	3.15	3.28	2.573
May .....	2.53	4.06	1.59	1.66	2.21	2.90	8.52	2.80	1.15	2.20	2.962
June .....	3.15	2.28	7.23	5.16	1.86	3.91	1.80	.45	2.81	72	2.937
July .....	6.68	4.00	5.67	4.05	3.86	2.30	4.11	1.65	6.72	3.30	4.234
August .....	1.78	5.35	4.03	4.33	2.00	1.83	2.53	1.61	3.71	6.90	3.407
September ....	6.43	2.51	3.10	7.72	3.11	4.04	3.17	4.19	2.04	4.35	4.069
October .....	6.82	5.27	5.24	6.96	3.00	9.03	6.38	3.06	1.88	5.39	5.303
November ....	5.07	3.93	7.20	4.02	2.11	3.04	2.31	2.16	8.79	2.36	4.099
December ....	7.27	4.90	4.65	4.73	5.46	3.20	6.07	3.01	2.42	3.92	4.563
TOTALS ....	50.73	45.59	54.57	49.56	37.40	40.85	47.30	25.64	39.49	42.35	43.348



RAINFALL AT Rhodes Wood Reservoir

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

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

County of Cheshire

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

Observer

E. H. Hill Esq C.E.Upper manny - 1.

Diameter ....	12										
Height .....	1 0										
Altitude ....	520										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.33	3.61	4.78	2.10	3.47	3.80	2.08	2.07	3.31	5.01	3.456
February ....	1.00	.62	3.48	6.46	5.96	.67	2.85	2.94	3.85	1.18	2.901
March .....	5.80	2.38	1.52	1.24	3.89	3.96	6.37	4.05	3.27	2.64	3.512
April .....	1.40	2.29	1.80	.90	1.90	2.19	2.13	3.58	2.69	4.38	2.326
May .....	3.40	3.88	5.70	3.13	3.35	1.14	.78	2.00	4.15	2.95	3.048
June .....	3.95	2.55	3.73	2.48	4.08	3.00	4.46	3.84	3.09	1.94	3.312
July .....	4.47	4.46	3.72	3.47	3.93	8.32	2.52	2.39	1.34	2.53	3.715
August .....	5.22	7.91	4.95	3.86	5.71	4.15	3.29	3.81	6.08	3.82	4.883
September ....	1.66	4.42	4.30	4.76	.79	1.56	6.92	5.15	.60	7.45	3.761
October .....	4.00	5.96	8.23	3.28	5.75	4.45	6.04	2.24	5.06	3.97	4.898
November ....	6.80	4.00	2.72	4.23	2.93	3.43	2.24	5.35	3.07	1.69	3.646
December ....	.54	8.06	3.06	4.53	4.10	5.14	5.38	3.89	5.77	3.43	4.390
TOTALS ....	42.57	50.14	47.99	40.44	45.86	41.84	45.06	41.31	42.28	40.99	43.848

1850-

# RAINFALL AT *Rhodes Wood Reservoir*

Lat. .... Lon. .... County of *Cheshire*  
 Rain Gauge, by ..... Observer *G. H. Hill Esq. C.E.*

*Upper Mersey - 1.*

Diameter ..	12										
Height ....	1 0										
Altitude ..	520										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.25	2.41	3.44	3.27	3.94	3.00	4.88	2.07	3.94	2.53	3.473
February ..	3.53	2.40	1.08	3.80	4.70	2.61	3.48	2.44	3.48	3.28	3.080
March ....	.94	3.09	2.67	4.84	3.02	4.49	3.82	3.60	3.82	3.16	3.345
April .....	2.61	2.95	2.41	2.70	2.76	3.60	2.50	3.38	2.90	3.23	2.904
May .....	1.30	1.28	3.30	2.47	2.83	.88	3.88	3.60	2.88	2.07	2.449
June .....	4.31	1.94	1.35	2.10	1.02	3.69	1.64	6.46	2.03	3.65	2.819
July .....	4.95	3.03	2.57	3.91	2.09	3.01	3.30	2.78	6.51	6.50	3.865
August ....	6.11	2.41	3.25	4.84	4.57	4.44	4.16	4.75	3.41	3.18	4.112
September ..	1.52	.69	1.26	5.02	1.25	3.12	1.68	.73	3.37	3.07	2.181
October ....	5.23	3.95	5.61	9.20	1.95	4.36	5.55	6.00	.95	6.46	4.926
November ..	3.26	6.11	2.03	4.61	4.10	4.94	5.10	3.44	2.87	1.73	3.819
December ..	5.48	7.18	3.28	1.63	2.76	.86	4.70	3.49	3.02	7.06	3.946
TOTALS ..	44.49	37.44	32.25	48.39	35.09	39.00	44.69	42.74	39.18	45.92	40.919

*Hud*

RAINFALL at Rhodes Wood ReservoirCounty of CheshireObserver G. H. Hill Esq. C.E.River Basin Upper Mersey 1

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

Diameter ...	12											
Height .....	1.0								1.6			
Altitude ...	520											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	5.00	1.94	4.00	3.75	4.23	7.45	4.15	4.36	3.44	5.03		16.98
February ...	4.36	4.93	1.27	1.40	2.57	5.20	5.97	.86	6.26	2.04		15.13
March .....	.89	2.94	5.16	5.17	5.90	2.12	2.91	2.57	1.42	7.20		14.10
April .....	4.98	3.12	1.46	3.86	1.57	1.69	3.50	2.55	2.03	3.51		11.59
May .....	3.23	2.74	3.00	3.08	3.15	1.63	3.65	2.68	3.84	1.91		12.08
June .....	3.90	4.16	4.60	2.96	3.83	1.94	4.81	1.72	2.15	2.32		11.00
July .....	6.10	.47	5.20	1.46	4.01	5.88	3.33	2.83	4.75	3.05		13.96
August .....	5.37	4.08	8.86	2.25	3.40	4.53	2.64	5.66	3.82	3.47		15.59
September ..	.32	3.51	2.79	2.52	3.01	1.50	3.60	3.04	11.47	2.10		20.21
October ...	3.10	2.95	3.80	2.95	3.18	2.02	6.52	6.60	3.37	3.69		20.18
November ..	5.20	5.26	3.96	3.98	4.86	4.25	4.36	5.57	2.12	4.26		16.31
December ...	6.10	6.25	6.08	3.72	6.24	7.86	3.90	3.24	8.75	7.56		23.45
TOTALS ...	48.55	42.35	50.18	37.10	46.05	46.07	49.34	41.68	53.42	46.14		190.53

TOTALS  
16.98  
15.13  
14.10  
11.59  
12.08  
11.00  
13.96  
15.59  
20.21  
20.18  
16.31  
23.45  
190.53  
486

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



RAINFALL at Rhodes Wood Reservoir (old gauge)County of GeshireObserver Messrs S. H. Hill & Sons G.E.  
1921. L. Holmes Lewis Esq. G.E.River Basin Upper Mersey 1Manchester W.Y.  
W. F. H. Greber.

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

Diameter ...	12												
Height .....	1	0	2	0							2	0	
Altitude ...	520			545								545	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		
January ...	6.93	7.42	3.75	5.28	3.24	3.53	4.52	5.19	10.76	2.48	6.14	Totals.	59.26
February ...	4.65	4.7	5.80	5.30	1.48	6.95	3.72	1.87	5.70	1.00	.86		37.80
March .....	3.26	3.35	2.81	2.19	1.26	2.44	2.56	6.21	1.80	1.09	3.48		30.45
April .....	5.58	1.99	3.62	3.07	1.94	2.63	2.36	5.85	1.41	1.98	4.04		34.47
May .....	6.81	1.81	1.58	4.90	5.42	3.34	4.83	1.48	1.14	3.07	2.21		37.09
June .....	3.80	4.4	2.84	1.44	2.72	.08	4.36	5.88	6.90	1.73	6.20		36.09
July .....	7.55	1.71	4.98	4.78	4.27	2.61	3.10	2.56	2.03	2.98	7.11		43.68
August .....	2.70	5.06	6.09	4.92	6.01	3.72	5.69	5.15	5.53	6.24	5.51		56.62
September...	2.93	1.27	4.54	4.68	3.86	4.39	3.94	7.48	.80	1.93	5.02		41.14
October .....	1.15	2.60	.98	4.05	5.68	4.84	4.82	4.21	4.26	5.77	6.89		44.95
November...	1.60	2.12	3.34	6.40	2.21	4.43	4.68	5.78	2.03	8.93	5.92		52.44
December...	2.98	6.88	5.65	4.32	4.02	4.52	3.43	1.52	3.53	6.86	2.44		47.15
TOTALS...	49.64	35.12	46.28	57.33	42.11	43.98	48.01	53.18	50.91 49.93	44.06	56.52		521.14

1923 Revised data sent 11/30 File 660604/26  
Encl 380

New gauge at 1 ft.

Installed May 1929

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



RAINFALL at Rhodes Wood Reservoir (new gauge)County of CheshireObserver Manchester WmRiver Basin - 1Engineer L. Holmes Lewis CE  
W. F. H. Leeks.5 Rain Gauge, by \_\_\_\_\_

Diameter ...									5		
Height .....									1.0		
Altitude ...									545		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...									2.37	5.78	
February ...									.98	.92	
March .....									1.01	3.46	
April .....									1.87	4.20	
May .....									1.15	3.05	2.28
June .....									6.82	1.79	6.29
July .....									1.82	3.11	7.08
August .....									5.33	5.84	5.49
September...									.79	1.82	5.09
October .....									4.03	5.43	6.53
November...									6.16	8.85	6.08
December...									3.42	6.74	3.51
TOTALS...				See old g.					-	4286 m.p.	5671 m.p./check

New gauge at 17ft. See No. 660604/26

1929 m.p. Inspected 14/5/30 and found to be 17ft. (when inspected run was about 16.5 in.)

1930 m.p.

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 Rhodes Wood Reservoir (old) <sup>new g. old site</sup>County of CheshireObserver Manchester Corpn. W.W.River Basin Mersey - Upper 1

Type of Gauge

Annual Average 42.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref S

660604/26.

Diameter	5.										
Height	1.6.										
Altitude	545.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.14	5.04	2.81								
February	6.87	4.8	7.13								
March	6.3	3.06	3.27								
April	6.21	5.15	1.95								
May	2.64	4.69	1.87								
June	6.21	4.6	3.34								
July	5.02	6.47	3.99								
August	7.50	1.69	1.47								
September	5.52	5.27	1.70								
October	2.33	8.35	5.93								
November	5.49	3.74	2.71								
December	2.22	2.43	1.82								
TOTALS	58.78	46.80	36.99								

# see line 189 + 196 728/12.

1931. Readings from new check g in same position as old g. which has been abandoned since Dec. 31st 1930. Regarded as continuation record.

averages longer  
appropriate 24/5/34Position 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, EXHIBITION ROAD, LONDON, S.W.7.



RAINFALL at

Res.  
Rhodes Wood (New)County of EssexObserver Transvaal Captain W.W.River Basin Creasey Upper - 1

Type of Gauge

Annual Average 42.7 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref P.B. 397  
from note with Rhodes Wood Res. (new g. on old site) computed x/36660604/26

Diameter	5											
Height	1.0											
Altitude	545'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	7.97	4.99	2.78	3.39	3.29	3.83	5.02	5.09	5.53	1.92		Total 43.81
February	6.90	4.4	7.16	3.1	6.13	3.42	7.05	2.11	4.39	2.69		40.60
March	6.2	3.05	3.27	4.04	2.54	3.25	3.05	1.89	3.57	3.10		28.38
April	6.20	5.07	1.96	3.07	3.36	1.89	4.09	7.0	2.79	3.96		33.09
May	2.67	4.70	1.88	3.01	9.1	1.47	2.81	3.84	3.03	9.3		25.25
June	6.16	5.2	3.32	2.75	4.22	3.36	2.27	5.16	3.08	9.8		31.82
July	5.00	6.52	4.06	5.28	2.13	5.27	3.20	5.48	7.29	5.52		49.75
August	6.98	1.69	1.46	3.37	2.27	3.03	1.50	2.95	2.31	2.29		28.85
September	5.42	5.22	1.70	3.23	6.17	7.09	1.54	2.14	1.59	4.21		38.31
October	2.33	8.28	5.90	6.51	8.05	5.63	2.30	8.55	3.22	3.62		54.59
November	5.44	3.69	2.67	2.65	5.84	5.97	2.18	5.01	7.60	8.21		49.26
December	2.26	2.16	8.5	4.94	3.84	4.22	3.48	4.32	3.70	5.77		35.64
TOTALS	57.95	46.33	37.01	42.55	48.75	48.73	38.49	48.24	48.10	43.20		459.35

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

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



Station No. T.F. 2748/1RAINFALL at Rhodes Island Res.

41

County of CatharineObserver Franklin Corps. W.W.River Basin Truay Upper 1

Type of Gauge.....

Annual Average 42.7 in. based on 4 years obs. unweighted. Period of average 1881-1915 Ref. 5397File No. 66004/20 196 138/32

Diameter	5"			558	954							
Height	1'0"				1							
Altitude	545'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.83	3.38	5.44	6.96	5.22	5.21	3.24	10.10	2.76	3.77		Totals 43.51
February	5.17	1.97	3.29	3.40	5.23	8.16	1.52	2.92	2.45	5.54		37.65
March	5.78	2.74	1.62	.98	1.52	1.63	5.86	1.45	2.05	2.09		25.72
April	3.30	2.27	2.57	3.18	2.68	1.86	3.72	1.98	5.26	4.55		31.37
May	2.77	3.47	2.94	8.10	3.44	1.91	3.50	1.71	2.91	1.93		32.68
June	2.49	1.35	4.09	3.46	4.81	4.23	2.70	5.84	1.18	3.65		33.80
July	2.61	5.92	2.06	3.73	1.72	7.15	2.99	2.20	2.92	3.51		34.81
August	6.58	4.21	6.54	4.56	3.52	4.58	.46	5.38	3.37	4.90		44.70
September	.68	3.28	4.96	5.81	2.94	6.57	2.12	2.54	1.54	6.14		36.58
October	6.17	7.62	2.92	4.69	6.54	.93	1.19	3.46	3.80	2.62		37.94
November	3.39	1.24	4.33	8.26	.61	7.22	6.22	2.82	7.10	7.60		42.79
December	3.11	4.09	2.54	4.16	2.76	5.06	5.51	3.34	7.46	3.50		41.53
TOTALS	43.88	42.14	43.30	57.29	40.99	54.51	39.03	43.74	42.80	49.80		457.68

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. 2748/1

51

RAINFALL at Rhodes Wood Res.

County of Cheshire

Observer Manchester Corp. W.W.

River Basin Mersey - Upper - 1

Type of Gauge Mk 1A (an inspection)

Annual Average 42.7 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 397 P

46.53. - 35. - 1916-1950

File No. 196 1950 196 427/32 122-0-24/50

Diameter ...	5"			558	954							
Height ...	1' 0"				1							
Altitude ...	545				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	1881-1915
January ...	5.03	4.80	2.35	4.96	2.59	5.36	3.02	4.22	3.91	6.64	42.88	
February ...	4.09	1.90	3.07	3.04	2.10	1.80	3.21	6.25	.59	2.29	28.34	
March ...	5.51	2.68	2.92	2.77	2.41	1.63	3.71	2.42	1.86	1.30	27.21	
April ...	3.24	4.03	3.31	1.24	2.20	2.79	.74	1.48	3.63	2.31	24.97	
May ...	2.28	2.57	2.72	4.21	5.18	1.70	1.27	4.02	1.25	2.34	27.54	
June ...	1.51	3.55	4.04	3.23	2.98	4.29	2.20	5.20	2.59	2.02	31.61	
July ...	3.78	3.46	7.51	7.17	1.20	6.61	4.88	5.64	3.90	7.36	51.51	
August ...	6.09	3.21	5.76	7.19	1.05	11.54	7.35	5.19	.40	5.69	53.47	
September ...	2.65	4.59	2.93	5.82	2.43	3.62	8.22	5.20	.23	3.71	39.40	
October ...	1.32	5.48	2.26	7.42	2.58	3.78	5.20	4.42	3.45	5.79	42.20	
November ...	8.57	3.77	3.77	5.74	2.02	2.07	2.81	1.51	5.72	5.69	41.67	
December ...	6.18	4.31	2.09	6.72	5.22	5.40	5.84	4.04	5.20	4.27	49.27	
TOTALS ...	50.25	44.35	42.73	59.51	31.96	56.59	48.45	50.09	32.73	49.41	460.07	

Inspected on Dec 6.56. Gauge sound, measured at bottom of type. Site of tree  
S.W. 55°. Recomm. topping of trees not removal.

Position of Station on Ordnance One-Inch map :

No. of Map... 102

National Grid Reference 43/062982

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
	✓	✓	✓	✓	