

RAINFALL AT Dukinfield, Higher Reservoir

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Cheshire \_\_\_\_\_

	Rain Gauge, by _____										Observer	<i>F. J. D. Wilson Eng. C.E.</i> W.L.	
Diameter .....											8		
Height .....													
Altitude .....											495		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.		
January .....													
February .....													
March .....													
April .....													
May .....													
June .....													
July .....													
August .....													
September .....													
October .....													
November .....													
December .....													
TOTALS .....											29.07	29.24	24.71

1897-1907 (annual totals) add. x 1.20. Endd. x 1.22

N.B. annual values rejected from Survey, 1928.

## RAINFALL AT Dukinfield, Higher Reservoir

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

Lon. \_\_\_\_\_ County of Cheshire

Snowdon Rain Gauge, by \_\_\_\_\_ Observer F. J. Dixon, Esq. Ch.

Upper Mersey - 1. weekly

Diameter ...										8	
Height .....										16	
Altitude ...										496 ft	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									2.46	1.64	
February ...									2.54	1.84	
March .....									2.13	2.58	
April .....									3.28	2.93	
May .....									2.04	1.84	
June .....									1.88	2.38	
July .....									4.34	5.70	
August.....									2.54	3.17	
September ..									3.67	2.62	
October ...									1.01	5.39	
November ..									2.39	1.28	
December ...									2.42	5.65	
TOTALS ...	33.46	21.98	24.54	35.20	27.63	23.10	30.85	32.97	30.70	37.02	

1908 Dukinfield Church 1½ miles SE  
Station

No objects near

1897 to 1907 sec. (P.T.) x 1.20 ent. x 1.22

N.B. Values quoted when rainfall survey map prepared in Nov. 1928.

## RAINFALL at Dukinfield Higher Reservoir

County of Cheshire

Observer F. J. Dixon Esq C.E.

River Basin Upper Mersey

G. R. Radcliffe C.I.

Snowdon Rain Gauge, by N+3

Diameter ...	8											
Height .....	1.6											
Altitude ...	495 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.EANS.	Totals
January ...	3.38	1.05	2.23	2.76	2.64	4.54	2.49	2.34	1.98	3.13		36.19
February ...	3.39	2.72	1.15	1.32	1.53	2.45	4.19	1.64	4.43	1.07		9.94
March .....	.57	1.50	4.25	3.52	5.18	1.17	1.84	1.74	1.49	4.59		10.33
April .....	3.61	2.08	.96	3.71	1.38	1.23	2.28	1.48	1.13	1.75		9.66
May .....	3.40	1.68	2.46	2.69	2.06	1.43	2.07	2.54	2.41	1.79		8.81
June.....	3.63	4.14	4.20	1.98	2.48	2.27	4.22	2.57	1.76	2.07		10.62
July .....	4.41	.33	3.44	1.34	4.17	4.52	2.09	2.00	4.61	2.04		10.74
August.....	4.80	2.66	5.83	2.16	2.89	4.74	2.03	4.69	3.29	2.75		12.76
September ..	.23	3.55	1.73	1.45	2.50	.87	1.98	2.07	8.28	1.26		13.59
October ...	2.91	2.20	3.25	1.82	1.81	1.21	3.20	4.76	2.67	1.73		12.36
November ..	3.49	3.07	2.24	3.33	3.27	1.62	2.04	3.49	1.18	2.22		8.91
December ...	2.51	4.48	4.21	2.46	4.52	4.52	2.65	1.60	5.23	4.13		13.61
TOTALS ...	36.33	29.76	36.08	28.04	34.43	30.57	31.05	29.92	38.46	28.64		128.65
	?	?	?	?	?	?	?	?	?	?		468

N.B. Values quoted taken Rainfall Survey  
 Map prepared in Nov. 1928.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53°28'18"	23°59'W	Hyde Junction		1530 yds	S 56° W	St. John's	730 yds	N N E

## RAINFALL at Dukinfield Heights Reservoir

County of Cheshire

Observer G. H. Paddington Esq. C.E.

River Basin Upper Mersey

Water level Engt. Obs. Blm under gauge.

Snowdon Rain Gauge, by N.W.G.

M.T.B. Whitton Bay (1929)

Diameter ...	9										
Height .....	1 6										
Altitude ...	495										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
January ...	3.05	4.37	2.10	2.05	2.42	2.43	2.48	3.08	8.95	1.58	4.35
February ...	2.49	.36	3.21	3.04	.89	5.28	2.36	1.21	4.89	.90	.23
March .....	2.25	2.33	1.74	1.52	.99	1.53	1.02	3.36	1.33	.99	2.50
April.....	3.68	1.22	2.58	2.65	1.50	2.02	1.65	2.59	0.81	1.67	2.05
May .....	4.06	1.92	1.27	2.98	5.02	3.71	3.75	1.05	0.52	2.87	1.53
June .....	2.57	.41	2.27	1.07	2.66	1.10	2.39	4.97	6.93	1.15	4.77
July .....	5.83	1.03	4.21	4.35	3.59	2.04	1.92	3.93	1.61	4.05	6.32
August .....	1.98	4.61	3.96	3.80	4.59	2.46	3.63	4.78	6.15	3.89	5.02
September...	2.37	.87	2.81	3.00	2.30	3.41	3.19	5.85	1.12	1.33	3.32
October.....	1.11	2.49	1.60	2.11	4.07	3.44	2.81	2.35	3.55	4.77	4.18
November...	1.03	1.84	2.02	4.19	1.23	2.10	4.08	3.01	5.56	7.75	3.90
December...	2.25	4.05	2.96	2.78	2.91	1.87	1.60	0.57	2.20	5.71	2.69
TOTALS...	32.67	25.50	29.73	34.54	32.37	30.39	30.88	36.75	43.92	36.16	40.76
	D	D	D	D	D	D	D	D	D	D	D

Open station

N.B. Values quoted when Rainfall Survey book  
prepared in Nov. 1928

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
53° 28' 18"	2° 3' 59"	Hyde June 1928	1530723 SW by W	St. Johns	730723 N NW		

## RAINFALL at Dukinfield (Higher Reservoir)

County of Cheshire

Observer M.T.B. Whitson, Esq., C.E.

River Basin Mersey - Upper

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

705468/26.

Diameter	8								5		
Height	1.6								1.0		
Altitude	495								435		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.58	3.39	1.99	1.88	1.74	2.27	3.36	3.99	5.06	1.84	Totals 30.18
February	3.74	3.31	2.80	2.7	2.87	1.84	5.78	1.18	3.73	2.04	24.56
March	2.23	2.03	2.79	2.31	1.48	1.45	1.92	1.10	1.98	3.11	18.40
April	3.59	3.22	1.38	1.42	2.74	1.86	3.16	1.37	1.67	2.33	20.74
May	2.16	3.80	1.71	1.99	1.52	1.36	2.18	3.86	1.86	2.82	21.26
June	5.68	4.40	2.85	1.76	3.09	3.10	1.86	3.73	2.98	1.05	26.50
July	3.55	5.07	2.26	3.07	1.22	4.01	3.18	4.42	6.73	5.63	39.14
August	5.88	1.62	1.37	2.07	1.21	2.13	2.20	2.74	1.77	1.71	22.70
September	4.00	3.13	1.17	2.86	4.76	4.40	1.34	2.06	1.22	3.06	28.00
October	1.60	7.05	4.18	3.88	5.13	2.96	1.61	6.83	1.64	3.50	38.38
November	4.96	2.26	1.32	1.27	3.47	3.76	1.72	4.55	6.10	6.46	35.97
December	1.36	1.38	1.53	3.64	2.67	2.65	2.74	4.01	3.48	3.95	26.41
TOTALS	41.33	33.66	24.35	26.42	30.90	29.79	31.05	38.84	38.22	37.50	332.08
	D	D	D	D	D	D	D	D	D	D	476

Open Site.

1934 Inspected Sept. Rec. q. to be continued to end of 1936 &amp; new q. set up in site selected below embankment.

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
1931			Hyde Junction	1530yds	SW	Dukinfield	730yds	WN

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

Station No. 27164

## RAINFALL at Dukinfield (Higher Reservoir) ✓

41

County of Cheshire

Observer M.T.B. Wilson Esq. C.E.

River Basin Mersey Upper L.

Type of Gauge.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 705468/26

Diameter	5"		559	865							
Height	10'				1						
Altitude	435'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.30	3.39	5.10	5.26	3.35	4.13	2.37	8.38	1.91	2.46	Totals. 37.65
February	4.20	1.53	2.42	1.86	4.06	5.99	.96	2.15	1.78	4.46	29.41
March	3.10	2.06	.92	.46	1.22	.83	5.20	1.15	1.63	1.96	18.43
April	1.71	1.76	1.73	2.86	2.50	1.57	2.87	1.24	3.61	3.08	22.73
May	1.93	3.81	1.97	3.76	4.09	1.06	1.99	1.39	3.35	1.01	24.36
June	3.04	1.13	3.38	2.73	3.91	3.05	2.47	4.82	1.08	2.81	28.42
July	2.24	3.99	1.95	3.31	1.42	5.86	2.71	2.73	1.84	3.32	30.37
August	5.37	4.38	5.42	3.43	2.68	4.15	.53	5.02	2.82	3.97	37.77
September	.55	2.22	4.39	4.70	3.12	5.32	2.13	2.26	.68	5.42	30.79
October	4.69	5.43	2.97	3.75	6.42	.59	.65	2.47	2.83	2.49	32.29
November	2.64	1.14	2.80	6.61	.57	5.64	4.75	3.34	5.21	5.82	38.42
December	2.03	3.29	1.91	2.93	2.68	3.55	3.40	3.14	5.73	3.25	31.91
TOTALS	32.70	34.13	34.96	41.66	36.02	41.74	31.03	38.09	32.37	40.06	362.75 420

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

Station No. 27144 7628

51

## RAINFALL at Dukinfield (Higher Reservoir)

County of Cheshire

Observer M. T. B. Whitton Esq. C.E.

River Basin Mersey - Upper

Type of Gauge. M.O.

Annual Average 35.7 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. P.B.589

File No. 705687/26E22301/58

Diameter ...	5"			559	865						
Height ...	1' 6"					1					
Altitude ...	435'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.82	3.64	1.52	3.60	2.02	4.39	2.02	2.72	3.24	4.52	
February ...	2.48	1.23	1.99	2.89	1.62	1.25	2.16	4.13	.33	1.94	
March ...	4.65	2.29	2.00	2.26	1.87	1.18	2.93	2.08	1.62	2.64	
April ...	2.34	3.41	1.95	.73	1.81	2.94	.36	1.00	2.34	1.71	
May ...	1.16	1.62	1.88	2.71	2.84	.98	1.23	2.64	.66	1.87	
June ...	1.08	2.30	3.47	2.86	2.55	3.14	1.95	4.48	2.38	1.63	
July ...	3.24	3.61	5.69	5.77	.97	5.36	3.88	4.80	2.96	4.78	
August ...	4.91	2.33	4.12	5.25	.72	9.33	4.29	5.01	.35	6.01	
September ...	2.40	2.80	1.98	4.00	1.89	2.39	5.97	3.88	.13	3.87	
October ...	.94	2.87	1.93	6.01	1.69	2.20	3.59	3.25	2.57	3.46	
November ...	6.15	1.83	3.30	4.59	1.81	1.40	1.60	1.43	3.71	5.41	
December ...	5.47	2.83	1.40	3.68	3.92	3.46	3.75	3.15	4.65	3.82	
TOTALS ...	38.64	30.76	31.23	44.65	23.61	38.02	33.73	38.57	24.94	39.16	
	P	D	D	D	D	D	D	NP	NP	NP	

1952 gauge moved Feb 29th 1952 113° E.

1957 np low. This record has appeared low for many years but has been accepted hitherto.

1958 np low.

1959:- np low

1960 np low

Map indicates off SW ZPNV 5772

An. av. 36.84 in. based on 14 yrs. obs. 1937-50. 2 in. bins. Period of average 1916-50. Ref. S. - Rejected

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 31 955972

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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