

RAINFALL at Edenfield Scout Moor Reservoir No?County of South LancashireObserver Woodhead Smith Esq. CL.River Basin Mersey Poll 3

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

Diameter ...	8'												
Height .....	1 0												
Altitude ...	1330	1275											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		Means.	
January ...	5.35	1.50	5.28	5.08	3.72	5.50	2.77	1.64	2.98	4.46	11.85		
February ...	4.77	5.69	2.91	1.87	3.28	5.13	3.46	1.04	5.27	1.09	10.86		
March .....	1.42	2.42	7.40	6.17	5.83	1.55	2.29	2.43	1.96	4.02	10.70		
April .....	3.48	3.11	.91	5.68	2.12	1.67	2.74	1.33	1.01	2.29	7.37		
May .....	3.74	4.15	3.41	4.09	2.93	2.17	2.78	2.59	3.66	2.09	11.12		
June .....	4.59	4.86	8.83	3.00	2.17	1.29	3.21	2.93	1.88	1.73	9.75		
July .....	6.38	.60	6.22	1.42	5.89	5.08	2.56	2.02	4.87	2.64	12.09		
August .....	9.60	3.84	10.85	2.26	4.70	5.44	4.64	7.36	3.81	4.35	20.16		
September ..	.44	4.69	2.58	2.56	4.11	1.06	2.78	2.08	12.36	2.07	19.29		
October ...	4.53	4.76	6.39	2.87	3.59	2.55	7.48	6.33	4.35	3.33	23.49		
November ..	5.84	4.92	3.45	6.36	6.09	1.86	3.32	3.47	2.42	2.86	12.06		
December ...	6.01	7.99	5.27	2.58	6.19	7.86	2.74	1.54	9.02	7.70	21.00		
TOTALS ...	56.15	48.53	63.50	43.94	50.62	40.86	40.77	36.76	33.59	38.62	169.74		4000

Rejected from Survey, 3" low.

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

RAINFALL at Edenfield Scout Moon Reservoir No 1ACounty of South LancashireObserver Woodhead Smthg Co.River Basin Mersey Inwll 3

Rain Gauge, by

Diameter ...	8										
Height .....	10										
Altitude ...	1300										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.58	1.10	4.15	4.07	2.94	4.80	2.78	1.61	3.05	3.81	
February ...	3.39	4.16	2.22	1.43	3.00	4.44	3.89	1.03	5.31	1.11	
March .....	.97	1.66	5.70	4.77	4.68	1.35	2.23	2.41	2.01	4.17	
April .....	2.63	2.23	.74	4.70	1.62	1.45	2.71	1.32	1.02	2.34	
May .....	2.81	3.42	2.83	3.80	2.24	1.98	2.78	2.57	3.71	2.15	
June .....	3.71	4.33	6.91	2.51	2.23	1.16	3.18	2.92	1.89	1.67	
July .....	4.89	.46	5.18	1.42	5.45	4.69	2.55	2.04	4.90	2.73	
August .....	7.81	3.06	8.90	1.98	4.11	5.24	4.59	7.48	3.87	4.47	
September ..	.33	3.94	2.01	2.22	4.31	1.15	2.75	2.11	12.65	2.16	
October ...	3.69	4.01	5.17	2.74	3.16	2.69	7.38	7.33	3.73	3.29	
November ..	4.74	3.79	2.87	4.96	5.29	1.56	3.80	3.45	2.48	2.89	
December ...	4.15	5.88	3.93	1.97	5.44	8.09	2.69	1.54	7.56	6.55	
TOTALS ...	4270	38.04	56.58	36.57	4447	3860	40.32	35.81	32.18	37.34	

1910 Not printed. Bad.  
 1911 - - Low  
 1912 - - Small  
 1913 - -  
 1914 - -

Rejected from Survey. 13" low.

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

RAINFALL at Edenfield Scout Moor Reservoir No 2.County of S. Lancashire Observer J. Woodhead Smith Esq. C.E.River Basin Mercy - Irwell 3.Bury L.W. Engineer T.O. Radcliffe C.E.

(1928) Glasshouse Rain Gauge, by \_\_\_\_\_

Diameter ...	S				Leyp. Sta. No:	36-561034					
Height .....	1	0			N.G.R: SD(34)	824195					
Altitude ...	1275				All: 389m						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	3.61	6.01	3.98	2.06	3.49	2.87	4.46	3.71	10.97	1.51	6.94
February ...	3.72	4.44	4.30	5.79	9.1	5.59	4.83	2.36	4.05	.97	.61
March .....	2.98	3.33	2.81	2.43	1.95	1.29	1.60	4.14	3.76	1.21	3.61
April.....	5.42	1.69	3.20	4.04	2.24	2.59	1.84	3.24	1.55	1.16	3.14
May .....	6.36	2.90	2.26	3.98	6.63	5.61	4.03	1.96	1.66	2.99	2.03
June .....	3.37	3.35	2.54	1.08	2.99	1.10	3.45	5.46	7.58	1.12	3.21
July .....	7.93	1.52	5.63	4.67	5.89	2.61	2.94	5.88	1.88	3.04	6.40
August .....	2.97	6.83	5.67	6.90	8.91	5.42	5.20	9.20	6.48	5.50	9.24
September...	2.24	1.71	5.11	5.50	5.76	5.07	4.78	6.63	0.80	2.45	6.83
October.....	2.00	3.25	.82	5.86	5.87	7.01	3.79	5.41	5.05	4.14	7.77
November...	2.27	3.14	3.33	5.37	2.62	2.79	7.33	4.86	6.02	8.37	7.90
December...	3.46	5.37	4.20	4.15	4.83	2.61	1.68	2.13	2.46	4.61	4.95
TOTALS...	46.33	36.54	43.85	52.83	51.79	43.66	45.87	54.98	55.57	43.10	62.63
	D	D	D	D	D	D	D	D	D	D	D

*Rejected from Survey 8" low.*Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Reference No. ....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1925.			Waterfoot					

RAINFALL at Edenfield Scout Moor Reservoir No 1A

County of Lancashire

Observer J. Woodhead Smith Esq. C.E.

River Basin Mersey - Irwell 3.

Bury W.M. Eng T.A. Rodwell C.E.

(1928) Glaisher Rain Gauge, by

Diameter ...	8											
Height .....	1	0										
Altitude ...	1275											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	1930.
January ...	3.70	5.99	3.44	2.69	3.10	2.57	4.05	3.21	10.11	1.36	6.67	
February ...	3.14	45	3.71	5.14	81	4.99	4.33	2.14	3.76	.97	.62	
March .....	3.02	2.86	2.44	2.15	1.65	1.24	1.14	3.70	3.48	1.32	3.56	
April.....	5.53	1.47	2.77	3.58	2.04	2.32	1.64	2.90	1.39	1.17	3.18	
May .....	6.56	2.96	1.97	3.52	5.92	5.04	3.65	1.74	1.53	2.70	2.03	
June .....	3.44	35	2.22	95	2.67	10	3.12	4.93	6.78	1.45	2.20	
July .....	8.12	1.57	4.98	4.11	5.05	2.36	2.80	5.35	1.63	2.94	8.88	
August.....	3.01	5.80	4.92	6.25	8.05	4.83	4.72	8.28	5.83	5.46	9.05	
September...	2.29	1.76	4.52	4.97	5.34	4.57	4.24	6.06	0.70	2.37	6.95	
October.....	1.96	3.36	71	5.20	5.30	6.39	3.43	4.95	6.14	6.96	7.58	
November...	1.94	2.68	2.87	4.85	2.33	2.51	6.45	4.46	6.19	7.99	7.48	
December...	3.56	4.58	3.64	3.68	4.35	2.85	1.48	1.94	2.79	7.59	4.72	
TOTALS...	46.27	33.93	38.19	47.09	46.61	39.27	41.35	49.66	50.33	42.28	61.42	
	D	D	D	D	D	D	D	D	D	D	D	

Rejected from Survey, 13° low.

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
1924			Wadefoot				

RAINFALL at Edenfield (Scout Moor Res.) No. 2.County of South LancashireObserver Bury Water BoardRiver Basin Mersey-Trivell-3

Invert Valley Water Bd.

Type of Gauge Glasber (1926) StandardAnnual Average ~~4.50~~ in. based on ~~10~~ years obs un-weighted. Period of average 1931-1935 Ref P.R.B. 300  
58782/30.

Diameter	8.				5	Regd	Sta. No. 36-561034				
Height	1.0.					NGR	SD(34) 824195				
Altitude	1275.					alt.	389 m				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.33	7.33	3.87	4.89	2.85	5.99	5.00	7.68	7.24	2.64	Total 53.52
February	6.04	2.26	5.36	5.82	8.46	3.02	6.89	3.10	6.43	2.84	42.92
March	8.5	3.48	3.84	3.24	2.18	3.46	2.27	2.02	3.68	3.89	28.7
April	4.22	4.60	2.61	2.90	4.83	1.38	4.43	1.03	2.74	3.93	32.6
May	3.79	5.68	2.79	4.61	1.19	1.11	2.77	5.71	2.11	.92	30.82
June	8.62	1.35	2.61	3.62	5.12	5.22	2.72	6.42	4.67	1.12	41.37
July	6.53	5.84	4.84	2.85	2.73	6.31	3.43	6.66	10.10	4.46	53.75
August	7.14	1.56	2.57	4.89	2.48	4.28	5.00	5.25	3.53	3.19	39.82
September	4.80	6.77	2.14	6.05	10.95	6.57	2.42	3.02	1.74	6.40	49.50
October	3.17	9.29	7.30	7.70	12.97	7.14	2.89	16.08	3.02	6.57	76.13
November	10.49	4.67	3.21	2.49	6.86	7.74	2.30	8.79	10.10	10.21	66.92
December	3.19	3.41	7.4	8.52	5.25	6.79	2.93	6.58	4.57	6.35	48.33
TOTALS	64.87	54.24	41.88	50.98	65.87	58.96	43.05	72.24	59.83	52.61	Total 564.6
	2.	3.	3.	3.	3.	3.	3.	3.	3.	3.	

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
			Waterfoot					

RAINFALL at Edenfield (Scout Moor Res.) No. 1ACounty of South LancashireObserver Bury Water BoardRiver Basin Mersey - Irwell - 3Irwell Valley Water BoardType of Gauge Glaisher (1926) StandardAnnual Average 5.77 in. based on 10 years obs. un-weighted. Period of average 1931-1945Ref. 1.2.3.8.2.5.5

58782/30.

Diameter	8.										5 Sept. Sta. No. 36-561035
Height	1.0.										N.G.R. 62(34) 827197
Altitude	1275.										Alt. 389 m
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.39	7.19	3.68	4.44	2.74	5.42	4.66	7.15	6.34	2.51	
February	5.99	27	5.08	-65	8.17	2.85	6.43	2.86	6.09	2.50	
March	8.80	3.36	3.53	8.27	1.91	3.13	2.02	1.93	3.37	3.58	
April	4.10	4.47	2.30	2.99	4.31	1.27	4.38	1.98	2.64	3.41	
May	3.79	5.91	2.81	4.65	1.07	1.03	2.68	5.06	2.04	1.94	
June	8.00	1.42	2.64	8.74	4.75	5.11	2.61	6.05	4.38	1.09	
July	6.46	5.68	5.06	2.92	2.51	5.82	3.23	6.26	9.47	4.35	
August	7.08	1.52	2.66	4.99	2.33	3.88	4.97	5.15	3.35	3.18	
September	4.51	6.65	2.09	4.99	10.07	6.51	2.44	2.86	1.58	6.28	
October	3.26	9.05	7.22	7.81	12.03	6.81	2.88	15.63	2.97	6.45	
November	9.97	4.49	3.19	2.89	6.45	7.05	2.23	8.45	9.62	10.00	
December	3.09	3.48	76	8.41	4.87	6.24	2.71	6.26	4.39	6.06	
TOTALS	63.644	53.49	41.02	61.35	61.21	55.12	21.9	68782/30	50.65		
	7	7	7	7	7	7	7	7	7		

1934 N.P. (See memo 19 f58782/30)

1936 not printed

1937 n.p. low.

1938 N.P. low.

1939 N.P. low

1940 N.P. low

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
			Waterfoot.				

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

RAINFALL at Exterfield (Scout Moat Res.) No. 3ACounty of South LancashireObserver Irwell Valley Water Bd.River Basin Mersey - Irwell - 3Type of Gauge Snowdon

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

Diameter	5"	<u>Lyd. No 36-561036</u>									
Height	1' 0"	<u>N.H.R. 53(34) 825202</u>									
Altitude	1275'	<u>alt: 389m</u>									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January					2.56	5.39	4.46	7.15	6.27	2.48	
February					5.00	2.68	6.33	2.80	5.82	2.44	
March					1.97	3.04	1.91	1.88	3.25	3.42	
April					4.38	1.19	3.97	.93	2.51	3.52	
May					1.05	1.02	2.61	5.21	1.94	.85	
June					4.72	4.82	2.57	5.85	4.23	1.03	
July					2.50	5.55	3.14	6.06	9.30	4.18	
August					2.37	3.82	4.77	4.86	3.17	3.04	
September					10.06	6.39	2.27	2.75	1.60	6.12	
October					11.69	6.61	2.81	14.90	2.80	6.40	
November					6.20	6.99	2.16	8.15	9.37	9.63	
December					2.69	6.16	2.60	6.06	4.34	5.89	
TOTALS					60.19	53.66	39.60	66.60	54.62	49.03	
					→	-D N.P.	-D N.P.	-N.P. 2.46	-N.P. 2.03	-N.P. 1.00	

1936 not printed.

1937 n.p. low

1938 N.P. low.

Position of Station on reduced Ordnance Survey Map, } No. of Map .....  
1 mile to 1 inch Series }

Reference No. 52/36 8253 2017

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1935			Waterfoot					

Station No. 2909

## RAINFALL at Etonfoot (Scout Moor Res) N° 2

41

County of South Lancashire Observer Irwell Valley Water Bd.

River Basin Mersey, Irwell - 3

Type of Gauge Glaisher Snowdon in.

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

Ref.

File No. 58782/30

Diameter	5"		561	034		Sys. Min. 60:	36-561034		
Height	1'0"				1	NGR:	SD (34)	824195	
Altitude	1275'				41	All:	389m		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949
January	1.96	6.17	8.43	7.80	4.74	7.26	4.91	13.03	3.68
February	6.16	2.82	4.33	2.92	7.80	7.53	1.15	5.43	4.45
March	4.44	4.92	1.73	.89	2.30	1.80	8.18	3.29	2.11
April	2.77	3.10	3.29	5.00	3.32	2.20	5.22	3.18	5.33
May	3.96	4.94	4.48	4.08	5.57	178	2.66	3.28	4.62
June	1.66	1.11	5.43	4.15	7.44	5.35	3.89	8.59	.84
July	4.16	7.02	3.68	5.25	5.40	5.44	5.37	4.13	2.74
August	9.92	7.57	8.78	4.47	4.36	10.34	4.42	6.90	5.81
September	1.50	3.96	6.63	7.89	4.42	9.94	4.64	5.13	2.14
October	6.83	9.24	4.56	7.50	8.84	2.19	1.35	4.25	4.93
November	4.53	1.75	4.50	10.45	6.6	12.37	8.27	3.51	9.79
December	3.98	5.84	3.32	6.30	6.10	6.57	5.02	6.18	10.40
TOTALS	50.29	58.44	59.16	66.70	60.95	72.77	51.08	66.90	59.84
	D	D	D	D	D	D	D	D	D

Total 5  
62.16

49.83

33.89

37.73

38.46

40.66

50.66

68.02

57.69

57.02

63.80

56.98

616.90

484

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
1941			Waterfoot	3 m		Waterfoot	3 m

BRITISH RAINFALL ORGANIZATION

Station No. 2908

RAINFALL at Edenfield (Scoot Moor Res.) N° 1 A

41

County of South Lancashire Observer Inowell Valley Water Board.River Basin Mersey, Inowell 3Type of Gauge Snowdon

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

File No. 58782/30

Diameter	<u>5"</u>					<u>Lyd. Sta. No.</u>	<u>36-561035</u>				
Height	<u>1' 0"</u>					<u>NGR. SD (34)</u>	<u>827197</u>				
Altitude	<u>1275'</u>					<u>Alt: 389 m</u>					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.59										
February	1.99										
March	1.26										
April	2.64										
May	3.91										
June	.48										
July	3.86										
August	6.94										
September	1.38										
October	6.26										
November	1.24										
December	3.66	X									
TOTALS	46.86										
	D n.p.										

W.M.P. Low.

Catch of gauge not satisfactory

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
1941			Waterfoot				

Station No. 2902/5

## RAINFALL at Edenfield (Scout Moor Res.) N° 3

41

County of South Lancashire Observer Irwell Valley Water Col.  
 River Basin Mersey Irwell - 3  
 Type of Gauge Snowdon

Annual Average 22.2 in. based on 1 years obs. un-weighted. Period of average 1881 - 1945 Ref. 1.605

File No. 58782/30

Diameter	5"			Type. No. Re: 36- 561086							
Height	1' 0"			N.G.R. SD(34) 8253 2017 = 825202							
Altitude	1275'			alt: 389 m							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.56	5.03	7.76	6.73	3.77	6.18					
February	5.53	1.58	3.81	2.41	6.66	6.17					
March	4.18	4.50	1.58	.74	1.90	1.49					
April	2.60	2.72	2.86	4.46	2.86	1.90					
May	3.64	4.44	4.09	3.74	4.84	1.40					
June	1.44	1.03	4.90	3.60	6.20	4.59					
July	3.61	6.42	3.36	4.54	4.79	4.76					
August	8.86	7.01	7.97	3.90	4.00	8.92					
September	1.34	3.58	6.05	7.19	3.86	9.13					
October	6.24	8.31	4.09	6.68	7.51	2.00					
November	4.20	1.56	3.91	8.97	.55	10.45					
December	3.54	5.16	2.78	5.47	5.31	5.76					
TOTALS	46.02	51.34	53.16	58.43	52.25	62.75					
	D.n.p.	m.p.	D.n.p.	m.p.	m.p.	D.m.p.					

1941 m.p. low.

1942 n.p. low. Site to be inspected after war. Records to be marked n.p. for destruction.

1943 n.p. low

1944 n.p. low

1945 n.p. low. 1946 m.p. low.

Sight obscured 1946

Position of Station on reduced Ordnance Survey Map, } No. of Map.....  
 1 mile to 1 inch Series

Reference No. SD 827 197

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Waterfoot	3 m		Waterfoot	3 m

Unlocated - direction too vague

Station No. 2909

51

## RAINFALL at Edenfield (Scout Works) Ht. 2

County of C. Lancashire

Observer Irwell Valley Water Bd.

River Basin. Mersey - Irwell - 3

Type of Gauge. Snowdon

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

File No. 58782/30

Diameter	5'		561	034		Leyd. Sta. No. 36-561034				
Height	110"				1	NGR: SD(34) 824195				
Altitude	1275'				51	alt 389m				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	5.93	5.56	2.60	6.00	4.02	5.86	7.41	7.69	4.64	6.88
February	4.57	1.84	1.59	5.14	2.48	1.90	4.84	9.86	1.18	5.48
March	5.96	4.56	3.39	4.29	2.63	2.52	6.97	3.81	3.37	1.89
April	3.57	5.75	4.89	1.20	3.81	2.96	.99	2.52	4.68	4.16
May	2.52	3.23	3.20	4.10	5.89	3.18	3.26	7.15	1.87	2.90
June	1.62	6.47	4.74	4.85	5.03	4.13	3.45	6.22	4.46	1.91
July	4.77	3.30	8.67	8.22	1.66	8.59	8.97	5.13	5.52	10.75
August	6.98	8.29	6.90	8.89	1.14	16.30	9.10	6.07	-84	7.21
September	5.23	5.73	6.71	7.29	5.22	6.27	9.37	8.04	.62	4.62
October	1.02	7.25	3.35	12.90	3.47	5.31	11.05	5.49	6.98	7.02
November	2.83	3.98	8.30	9.78	3.51	3.21	3.35	2.82	6.52	11.03
December	18.35	5.42	3.07	9.90	8.88	7.47	7.80	6.29	12.27	7.29
TOTALS	68.85	61.38	57.41	82.66	48.04	67.76	76.56	71.04	52.95	71.14
	D	D	D	D	D	D	D	D	D	D

Inspected July 1956 by Deeks. Gauge had not been set to 0.00 NE regarded as reasonable. This will be recommended.

1957 sp.

1958 point

General Average 58.44 is based on 11 yrs. 1930-57 O.K. but does not fit present record.  
Period of average 1916-50 Ref. S. Rejected

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 57/523143

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1954			Watersfoot			Watersfoot	

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
	✓	✓	✓	✓	✓

D. 14-19