

# RAINFALL AT *Standedge Red Brook*

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

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

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

*York N.R.*

*Acie + Caldwell E* Gauge, by \_\_\_\_\_

Observer *L.K. Jones Esq*

*Use. Old gauge*

Diameter ....	8											
Height .....	18											
Altitude ....	1150											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	6.00	3.25	3.87 <del>3.79</del>	1.25	3.38	2.72	5.18	1.45	2.79	6.22	3.611	
February ....	.88	.12	2.25	6.00	5.73	.79	1.28	3.06	2.89	1.63	2.463	
March .....	4.50	2.13	.86	1.25	6.38	3.37	6.64	5.19	3.26	2.75	2.633	
April .....	2.12	2.25	1.50	1.15	2.74	3.18	2.61	3.60	2.64	3.55	2.504	
May .....	4.00	3.00	5.25 <del>5.07</del>	2.04	2.44	1.79	.75	.62	3.18	3.67	2.674	
June .....	4.63	2.87	4.00 <del>3.74</del>	3.27	4.39	2.31	2.66	5.01	3.04	1.00	3.318	
July .....	4.62	4.50	3.62	3.67	3.82	9.09	4.40	1.88	1.04	2.27	3.891	
August .....	7.00	10.50	5.13	3.77	5.46	6.59	2.26	3.11	6.48	3.10	5.340	
September....	1.82	4.47	5.00 <del>4.96</del>	5.42	.63	1.58	7.35	7.19	.79	6.50	4.076	
October .....	5.12	7.00	8.50 <del>8.25</del>	3.45	4.14	2.93	5.64	3.32	3.60	3.40	4.710	
November....	5.65	4.50	3.12 <del>3.08</del>	5.05	4.50	3.16	1.42	2.69	4.58	3.44	3.811	
December ....	(50)	8.25	proven <del>2.35</del> (2.50)	5.05	3.75	3.34	5.87	7.24	5.10	1.80	(4.340)	
TOTALS . . .	(46.84)	52.84	(45.40)	41.38	47.36	40.85	46.06	44.36	39.39	39.33	(44.401)	

1850-

*Rejected from survey. 5' low.*

# RAINFALL AT Standedge Red Brook

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

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

County of York

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

Observer L. R. Jones Esq

Rise. Rise + Gauge 8

Diameter ....		8									
Height .....		1-6									
Altitude ....		1150									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....			3.79	1.15	3.28	2.64	5.06	1.41	2.76	6.40	
February ....			2.24	5.50	5.57	.75	1.18	3.09	2.83	1.55	
March .....			.82	1.00	6.24	3.32	6.53	5.10	3.20	2.70	
April .....			1.54	1.08	2.61	3.08	2.54	3.56	2.59	3.98	
May .....			5.02	2.25	2.31	1.74	.73	.60	3.10	3.57	
June .....			3.74	3.20	4.22	2.24	2.53	4.93	3.09	1.12	
July .....			3.67	3.39	3.72	8.95	4.34	1.85	.98	2.15	
August .....			5.15	3.47	5.33	6.52	2.21	3.04	6.40	3.09	
September....			4.95	5.17	.57	1.53	7.22	7.08	.84	6.34	
October .....		#	7.29	8.25	3.22	4.03	2.83	5.53	3.26	3.36	3.24
November ....			4.28	3.08	4.84	4.44	3.08	1.37	2.65	4.61	3.51
December ....			8.82	2.35	4.86	3.68	3.27	5.85	7.20	5.11	1.87
TOTALS ....			44.60	39.13	46.00	39.95	45.09	43.77	38.87	39.52	

Rejected from survey 7" low.

# RAINFALL AT *Standedge Redbrook Reservoir*

Lat. ....

Lon. ....

County of *York W.R. Central*

*H* Rain Gauge, by .....

Observer *L. K. Jones Esq*

*Mersey Uppala Gauge*

Diameter ..	8										
Height ....	1 8										
Altitude ..	1150										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	5.90	3.22	4.33	4.65	4.27	2.55	6.25	2.45	4.50	2.76	4.088
February ..	4.17	1.03	1.16	5.05	4.21	1.82	3.85	2.66	3.29	2.82	3.006
March ....	.72	2.28	2.88	5.66	2.96	5.99	4.11	3.90	1.74	3.21	3.345
April .....	2.38	2.96	2.92	3.73	3.49	2.29	1.08	2.72	3.20	4.45	2.922
May .....	1.59	1.15	2.45	3.91	2.22	2.29	5.39	4.53	3.33	2.10	2.896
June .....	4.60	1.17	1.60	1.41	2.91	2.79	1.76	8.76	2.27	3.63	3.090
July .....	2.44	1.53	2.43	5.07	1.91	2.94	2.26	4.16	5.75	5.32	3.381
August ....	7.79	1.98	3.85	6.06	5.48	4.48	5.09	4.91	3.88	5.43	4.895
September ..	1.91	1.06	2.33	7.47	1.59	3.53	1.72	1.36	4.93	3.76	2.966
October ....	5.97	3.52	6.26	10.64	3.08	4.27	7.29	7.07	1.77	7.03	5.690
November ..	5.78	5.31	1.68	4.20	4.07	6.71	4.67	3.64	2.99	.53	3.958
December ..	5.81	4.27	5.18	3.10	3.59	1.47	2.90	4.68	3.49	8.76	4.325
TOTALS ..	49.06	29.48	37.07	60.95	39.78	41.13	46.37	50.84	41.14	49.80	44.562

*Hub*

*Rejected for survey. 3.5 in.*



# RAINFALL AT Standedge Redbrook Reservoir

Lat. ....

Lon. ....

County of York W R Central

Mersey Upper 4 Rain Gauge, by

Observer L. K. Jones Esq

New Gauge

Diameter ..	8										
Height ....	1.6										
Altitude ..	1150										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.37	3.28	4.42	4.60	4.23	2.50	6.09	2.37	4.42	2.71	3.999
February ..	4.10	1.06	1.21	5.02	4.14	1.71	3.78	2.64	3.21	2.80	2.967
March ....	.71	2.32	2.93	5.65	2.85	5.85	4.06	3.84	2.67	3.15	3.403
April .....	2.40	3.02	2.98	3.68	3.46	2.23	1.02	2.65	3.12	4.42	2.898
May .....	1.56	1.18	2.42	3.88	2.16	2.29	5.32	4.43	3.28	2.06	2.858
June .....	4.65	1.15	1.68	1.37	2.87	2.76	1.69	8.66	2.21	3.61	3.065
July .....	2.47	1.55	2.41	4.99	1.86	2.89	2.17	4.11	5.62	5.27	3.334
August ....	7.85	1.99	3.85	6.01	5.39	4.53	5.07	4.86	3.81	5.42	4.878
September ..	1.97	1.08	2.37	7.43	1.49	3.47	1.67	1.35	4.87	3.72	2.942
October ....	6.04	3.55	6.38	10.60	3.06	4.17	7.20	6.93	1.71	7.01	5.665
November ..	5.86	5.34	1.68	4.13	4.00	6.59	4.60	3.55	2.94	.49	3.918
December ..	5.84	4.34	5.21	3.00	3.52	1.40	2.92	4.63	3.45	8.67	4.298
TOTALS ..	48.82	29.86	37.54	60.36	39.03	40.39	45.59	50.02	41.31	49.33	44.225

*Hub*

*Rejected from Survey 3' low.*

RAINFALL at Standedge Redbrook ReservoirCounty of W. YorkshireObserver E. Pebble Esq. C.E.River Basin Upper Mersey 4Sound, Sainted Helier Rain Gauge, by

Diameter ...	8										
Height .....	1.6										
Altitude ...	1150										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.85	2.44	4.63	4.42	3.79	6.44	5.28	2.65	2.94	3.75	
February ...	6.40	4.43	2.19	1.76	3.34	4.09	4.70	.81	7.62	1.36	
March .....	2.37	3.74	5.67	5.76	5.09	2.33	2.94	2.33	1.44	6.30	
April .....	3.70	2.49	2.30	5.77	2.94	1.98	3.24	2.38	2.35	2.83	
May .....	2.67	2.17	3.17	3.63	2.74	1.95	4.19	1.87	2.89	1.16	
June .....	6.42	3.49	5.54	3.33	3.33	1.73	3.44	2.85	2.18	1.95	
July .....	5.41	1.02	5.39	1.58	4.28	5.69	2.79	2.56	5.40	3.25	
August .....	6.58	4.71	8.05	2.69	4.07	7.04	3.24	7.70	3.42	4.30	
September ..	.30	3.17	2.76	2.00	3.43	.52	3.37	3.17	14.58	3.24	
October ...	2.51	3.22	5.45	3.30	2.63	1.57	6.43	9.05	4.96	2.95	
November ..	6.13	6.73	3.62	4.93	5.70	2.05	6.34	5.00	2.30	3.68	
December ...	4.92	6.09	6.53	3.68	8.01	7.15	3.00	2.50	9.98	8.33	
TOTALS ...	51.26	43.70	55.30	42.85	49.40	42.54	48.96	42.87	60.06	43.90	

+ 28. I. 15 CS. In box in middle of 12 ft sq. iron rail enclosure. Rails 5 ft high. On level woodland near SE corner of box. Fully exposed and would be 5 in. higher but best site possible.

Rejected from survey 3<sup>rd</sup> class

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

RAINFALL at Standedge Redbrook ReservoirCounty of N. YorksObserver E. H. d'G. Darby Esq. C.E.  
J. Shaw Esq.River Basin Upper MerseyDiv Eng<sup>r</sup> M. T. S. R. BradfordGauge painted Glacier Rain Gauge, by \_\_\_\_\_

Diameter ...	8										
Height .....	1.0							2.0			
Altitude ...	1150										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.09	8.02	3.45	4.18	4.78	5.54	4.53	4.03	12.74	1.70	9.11
February ...	5.56	1.42	5.71	6.01	1.75	8.03	4.53	2.04	7.98	1.93	1.11
March .....	3.30	4.80	4.24	5.61	1.97	1.94	2.44	(5.37)	2.13	1.39	3.21
April .....	6.67	2.04	3.07	3.44	(2.51)	3.04	2.02	(5.73)	1.70	.90	3.30
May .....	5.81	2.75	2.04	4.89	(6.08)	4.61	3.77	1.85	1.95	4.43	3.27
June .....	6.50	.24	3.52	1.95	4.00	.50	5.70	3.97	5.91	1.47	2.45
July .....	9.55	1.99	5.51	2.35	4.02	2.17	2.98	3.88	5.00	1.30	6.75
August .....	3.75	7.86	6.84	8.55	6.73	4.05	5.58	6.69	6.45	7.29	7.93
September...	2.66	1.25	5.23	5.31	5.88	3.96	2.90	9.19	0.76	1.17	5.45
October .....	.53	3.12	1.41	4.88	7.60	4.37	5.98	5.49	4.29	5.60	7.28
November...	2.62	3.06	3.23	9.53	2.96	2.88	5.86	5.63	10.05	11.28	6.14
December...	4.75	7.52	4.83	3.37	4.33	2.38	2.65	1.50	2.63	7.82	2.71
TOTALS...	55.81	44.07	49.08	60.07	52.61	46.47	48.94	55.37	59.07	46.28	58.71

1924. April &amp; May adjusted for date of reading.

1927. Observer states no advantage to make any change in height of g. See enclosure 3A

- See 4 April adjusted by make.

2/7/28 Inspected by Mr Corless see green file

File 756147/27

Repeated from Survey. 8" 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	Parish Church.	Distance from gauge	Direction



RAINFALL at Standedge (Redbrook Res.)County of West RidingObserver L. M. & S. Rly.River Basin Mersey-Upper-4.Type of Gauge M. O.

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

756147/27

Diameter	8.			5							
Height	2.0.			1.0.							
Altitude	1150.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.20	7.08	2.97	4.65	3.51	5.95	5.38				
February	6.99	4.9	4.50	4.2	6.10	2.16	5.75				
March	5.7	1.34	4.38	3.59	3.33	3.45	4.08				
April	3.43	6.48	1.65	2.21	4.30	3.36	3.58				
May	4.55	4.94	1.78	3.77	.99	.88	2.94	Station renumbered 3189/6 owing to revision of river division lines. 4/30.			
June	7.21	6.5	3.59	2.81	4.23	5.11	2.70				
July	7.69	5.58	4.06	2.92	1.95	5.30	3.63				
August	7.50	2.28	3.03	5.87	2.45	2.99	1.52				
September	5.50	7.18	2.83	3.26	6.60	5.91	2.31				
October	3.23	8.31	5.70	5.75	8.25	5.95	2.92				
November	6.20	3.74	3.01	4.32	11.34	8.38	2.53				
December	3.33	3.65	0.19	5.52	4.10	4.65	4.11				
TOTALS	63.45	51.72	37.69	45.09	57.15	52.09	41.45				

1933. Gauge inspected 24<sup>th</sup> August - found to be practically worn out. Standard gauge recommended, to be set up in middle of enclosure. See file 756147/27.

1934. New M.O. gauge installed on 26/1/34 according to inspection.

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

RAINFALL at <sup>D</sup>STANEDGE (REDBROOK RES.)County of *West Riding.* Observer *L.M. & S. Rly.*River Basin *8-Ouse-Aire-Calder*Type of Gauge *M.O.*Annual Average.....in. based on.....years obs. un-weighted. Period of average..... Ref. *756147/27*

Diameter .....								5"			
Height .....								1'			
Altitude .....								1150'			
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....								5.79	7.25	(3.98)	
February .....								2.33	3.98	2.49	
March .....								2.26	5.47	5.27	
April .....	<i>Station previously numbered 3102 - renumbered owing to revision of river division lines - 4/39.</i>							1.63	3.11	3.14	
May .....								1.53	1.98	1.99	
June .....								6.77	4.29	0.71	
July .....								6.73	4.60	5.22	
August .....								3.83	5.20	3.09	
September .....								2.74	1.68	5.99	
October .....								11.80	2.60	4.49	
November .....								4.75	4.56	10.24	
December .....								7.20	9.50	4.77	
TOTALS .....								57.36	56.28	51.38	

1934. New M.O. gauge installed according to inspection 1933.  
 1941. Tan. estd. from nearby stations.

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.



Station No. 3189/6

RAINFALL at St. George (Red Bank Reg.)

41

County of West RidingObserver L. M. & Railway Co.River Basin Ouse: Aire Calder-SBRITISH RAILWAYSType of Gauge M.O.DOCK & INLAND WATERWAYS

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

File No. 756147/27

Diameter	5"		0.78	4.42							
Height	1' 0"			1							
Altitude	1150'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.40	5.60	6.92	8.20	(5.25)	6.36	4.75	15.03	2.85	2.94	
February	6.70	2.05	4.55	2.03	(6.27)	8.84	(1.37)	4.57	3.29	6.30	
March	5.38	3.39	.58	.75	1.76	1.53	(7.91)	1.67	1.92	2.68	
April	3.25	4.45	4.54	3.33	(2.35)	1.55	4.75	3.14	4.52	4.48	
May	3.74	5.36	2.75	(4.48)	(3.92)	2.03	3.38	1.55	3.63	3.08	
June	1.42	1.65	4.42	(3.49)	(7.54)	4.49	4.70	4.74	.84	3.28	
July	1.58	5.46	3.38	3.94	(2.95)	6.88	2.55	3.02	2.82	4.78	
August	10.27	4.52	6.18	(5.37)	3.88	7.18	.90	6.60	3.91	6.12	
September	.53	4.86	6.11	(6.67)	3.73	7.95	3.50	3.51	1.99	7.41	
October	7.14	7.55	3.91	(5.05)	(7.95)	1.40	1.97	3.09	1.65	4.08	
November	3.80	1.31	3.37	(8.95)	(1.14)	9.89	8.05	2.54	6.89	7.01	
December	3.23	4.60	4.83	(4.50)	3.35	3.90	(4.93)	4.08	9.17	(3.13)	
TOTALS	51.44	50.80	51.54	56.76	50.14	62.00	(48.76)	53.54	46.48	55.18	
	M	M	M	M	M	M	M	M	N.P. low	d	

1944 Totals in brackets affixed

67464

30014

00014

1945 Totals in brackets affixed

1947 Feb. mar. &amp; Dec. part est.

1950 Gauge tilted 6.150 &amp; found correct.

1950 Dec part est.

03374

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	Parish Church.	Distance from gauge.	Direction
1947			Marston	2m	E	Marston	2m	E

BRITISH RAINFALL ORGANIZATION

Station No. 3189/6 **51**  
**RAINFALL** at Standedge (Redbrook Res) BRITISH  
 County of West Riding - Yorks. Observer Donner Island Waterways.  
 River Basin Don - Aire Calder S  
 Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref. 8  
 " " 52.03 " " 16 " " within 1935-57 " " E20345(57)  
 File No. 75647/27 E16457/53

Diameter ...	5"			078442							
Height ...	1'0"			1							
Altitude ...	1150'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.35	4.99	1.57	4.98	3.71	7.18	3.78	5.73	5.52	5.97	
February ...	3.08	2.16	2.74	4.17	2.18	1.68	3.90	6.91	.68	3.04	
March ...	5.70	3.41	3.10	3.28	2.72	1.98	4.70	4.01	2.55	1.38	
April ...	3.69	4.94	3.56	1.01	2.50	3.66	.78	1.78	6.05	2.72	
May ...	3.36	2.10	2.92	4.34	5.38	2.44	1.42	5.25	2.66	2.49	
June ...	1.34	4.67	3.98	4.62	4.53	4.19	2.93	7.01	3.05	1.96	
July ...	4.48	3.54	9.18	6.93	1.45	9.97	5.44	5.90	5.02	7.52	
August ...	7.30	5.13	6.58	4.66	.99	15.41	7.05	5.89	.70	8.63	
September ...	3.99	5.03	4.04	7.10	3.46	5.67	8.36	6.83	.53	3.40	
October ...	1.57	6.16	1.98	9.46	3.29	4.34	7.67	5.60	5.57	6.05	
November ...	11.14	3.26	6.22	7.42	2.70	2.34	3.72	1.77	5.59	6.90	
December ...	8.62	4.65	2.18	8.30	7.32	5.29	5.68	5.67	8.01	4.36	
TOTALS ...	59.62	50.04	48.05	69.27	40.23	64.15	55.23	62.35	45.93	54.22	
	<u>N</u>	<u>d</u>	<u>D</u>	<u>d</u>	<u>D</u>	<u>D</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>np</u>	

1951. Cabin 10' high 200' x N

1956 Cabin 10' at 20' N

1960: - np low.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE44026102

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			<u>Huggle</u>	<u>1 1/2 m SN.</u>	<u>Wardon</u>	<u>1 3/4 m NE</u>

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19 <u>131</u>	1920-30 <u>121</u>	1931-40 <u>128</u>	1941-50 <u>128</u>	1951-60
	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓ np 49</u>	