

RAINFALL AT *Donkham New Years Bridge*

Lat.....

Lon.....

County of.....

*Yorkshire W.R.*

Rain Gauge, by.....

Observer.....

Diameter.....	10			5						5	
Height.....	6.0			4						5	
Altitude.....	1050										
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.02	1.41	6.27	3.76	3.50	5.11	2.00	5.43	3.88	1.37	
February.....	1.90	3.44	3.91	.62	2.21	1.18	4.40	2.94	2.21	3.43	
March.....	3.17	7.30	4.13	2.52	3.74	.77	3.84	4.27	1.85	2.01	
April.....	1.94	4.83	5.13	.53	1.94	1.70	2.95	2.78	1.93	2.35	
May.....	1.96	1.93	3.11	2.64	1.78	2.80	1.26	4.39	5.10	2.56	
June.....	2.22	5.27	6.57	2.26	1.42	4.36	3.61	3.23	3.87	7.26	
July.....	1.02	4.86	7.05	4.86	2.12	5.87	3.69	5.74	.87	5.99	
August.....	2.60	1.97	4.45	4.87	5.26	4.08	4.82	5.20	7.42	7.25	
September.....	3.27	6.12	6.98	7.5	4.52	6.56	5.12	5.32	6.90	4.06	
October.....	10.94	4.41	5.72	5.28	5.30	6.39	3.70	5.63	4.34	2.58	
November.....	3.49	1.57	6.01	3.57	4.30	5.44	4.47	6.56	2.97	1.78	
December.....	2.58	2.69	3.14	.96	3.45	1.91	8.47	3.49	2.10	3.13	
TOTALS.....	39.11	39.80	62.47	34.66	39.54	46.17	48.33	54.98	43.44	43.77	45.22

~~1879~~ *No observations*

1869 Nov. 15th 5 in gauge begun

# RAINFALL AT *Denshaw New Years Bridge*

80

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

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

County of *Yorks*

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

Observer, *J. Bateman, Esq. F.R.S.*

*breray - Upper H*

Diameter ....	5										
Height .....	4.0										
Altitude ....	1050 T					961 T	1012 T				
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	50	37	3.63	5.33	7.49	2.83	5.20	1.99	1.62	2.17	3.113
February ....	3.41	5.32	3.56	2.65	2.95	3.54	70	1.12	.40	2.00	2.565
March .....	3.96	4.26	3.78	.80	2.70	2.87	3.55	1.66	3.00	2.22	2.880
April .....	2.40	1.55	5.73	2.34	2.27	2.61	3.02	1.36	3.47	3.99	2.874
May .....	2.71	4.49	1.89	1.82	2.35	2.57	6.87	2.24	.81	2.89	2.864
June .....	2.89	2.23	7.43	5.93	1.25	4.15	2.12	.65	3.26	.70	3.061
July .....	7.10	3.67	6.26	3.75	4.17	1.79	6.23	2.09	7.97	4.47	4.750
August .....	2.04	5.94	4.00	3.63	2.87	1.71	2.74	1.60	4.33	7.73	3.659
September....	5.29	3.19	3.35	7.54	2.87	5.59	4.25	5.66	1.95	3.16	4.285
October .....	5.93	4.32	4.15	6.34	2.89	8.79	6.99	3.95	2.11	5.88	5.135
November....	4.03	4.48	5.56	5.35	2.39	3.68	3.26	3.03	8.73	2.37	4.288
December ....	6.07	3.92	4.24	4.04	5.46	1.95	5.42	2.68	3.21	2.66	3.965
TOTALS ....	46.83	43.74	53.58	49.52	39.66	42.08	50.35	28.03	40.86	40.24	43.439

*Rejected from survey, 14.60.*

# RAINFALL AT Denshaw New Year's Bridge

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

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

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

York W.R.

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

Observer \_\_\_\_\_

G. H. Hill Esq. C.E.  
C. J. Batty Esq. C.E.
Mersy, Upper H.

Diameter ....	5										
Height .....	4 0										
Altitude ....	1012 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.80	3.22	2.89	1.28	3.95	2.98	2.31	2.03	3.20	6.15	3.281
February ....	.88	.37	1.73	4.94	5.84	.58	2.29	3.18	3.27	1.63	2.471
March .....	3.72	1.72	.67	1.01	3.90	4.39	6.26	5.09	1.72	2.59	3.107
April .....	1.58	1.99	1.30	.86	2.41	3.00	2.04	3.69	3.06	4.02	2.395
May .....	3.45	3.68	5.25	3.14	2.85	1.32	.96	1.77	3.55	3.95	2.992
June .....	4.01	1.96	4.00	2.80	4.02	4.74	3.81	4.13	4.10	1.95	3.552
July .....	3.25	3.50	3.64	4.19	3.87	9.12	3.86	1.78	.83	2.05	3.609
August .....	6.07	9.32	4.89	2.68	4.73	5.07	3.26	4.91	6.28	2.21	4.942
September....	1.84	3.70	4.98	4.61	.57	1.79	8.52	5.29	.99	7.15	3.911
October .....	3.41	6.80	7.85	3.91	5.83	4.92	6.33	2.81	5.92	4.41	5.219
November....	5.49	4.09	3.32	3.27	2.90	3.70	2.10	5.81	3.08	1.39	3.515
December ....	.41	7.68	2.14	4.28	4.16	4.88	6.85	5.70	4.99	3.07	4.116
TOTALS . . .	38.91	48.03	42.66	36.97	45.03	46.49	48.59	46.19	40.99	40.57	40.442

Denshaw Church <sup>NE</sup> 1/2 mile <sup>W</sup>  
 Hills gradually rising ground to E

1880



# RAINFALL AT Denshaw New Year's Bridge

Lat. ....

Lon. ....

County of York W.R.

Rain Gauge, by .....

Observer C. J. Battery Esq C.R.

Wessex - Upper H.

Diameter ..	5											
Height ....	4 0											
Altitude ..	1012 R											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	5.69											
February ..	4.50											
March ....	1.25											
April .....	2.73											
May .....	1.57											
June .....	6.22											
July .....	3.55											
August ....	6.09											
September ..	1.53											
October ....	5.70											
November ..	4.23											
December ..	5.84											
TOTALS ..	48.90											

1900 Denshaw Church 1 mile W

Trees 10 ft high around Trees

Note Gauge abandoned from Jan 1<sup>st</sup> 1901

*Rejected from survey. H. L.*

# RAINFALL AT *Denshaw New Year's Bridge*

Lat. ....

Lon. ....

County of *York*

*W.R. Central*

*Flaisher* Rain Gauge, by *Casartelli*

Observer *C. J. Batley Esq C.E.*

*Messy Upper & New Gauge*

Diameter ..	8										
Height ....	4.0										
Altitude ..	994 <del>ft</del>		1012 <del>ft</del>								
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.15	3.25	3.42	4.47	4.14	2.05	5.43	1.64	3.82	2.60	3587
February ..	3.93	2.06	1.80	4.22	3.85	1.86	3.59	2.59	3.33	1.98	2871
March ....	1.20	3.86	2.40	5.66	2.37	4.16	3.57	3.82	3.13	3.30	3347
April .....	2.64	2.98	2.26	2.48	2.93	3.21	1.94	3.19	2.52	4.03	2818
May .....	1.41	2.16	3.27	4.39	4.17	.64	4.23	4.30	2.77	2.70	3004
June .....	5.98	2.34	1.50	2.26	1.11	3.26	1.94	8.01	2.61	3.06	3207
July .....	3.47	3.57	3.17	4.54	1.70	3.36	2.89	3.66	6.22	6.27	3885
August ....	5.97	2.66	4.24	5.72	5.66	6.03	4.43	4.87	4.00	4.42	4800
September ..	1.59	1.29	2.71	6.27	1.78	3.82	1.79	1.08	3.99	3.34	2766
October ....	5.77	4.47	5.93	9.98	2.33	4.25	9.26	8.34	1.83	7.76	5992
November ..	3.68	8.13	1.95	3.93	5.14	5.90	5.48	3.13	2.22	1.55	4111
December ..	5.62	5.23	3.54	2.43	3.75	1.08	4.12	4.75	3.04	8.35	4191
TOTALS ..	46.41	42.00	35.69	56.35	38.93	39.62	48.67	49.38	39.48	49.26	44579

1900 Denshaw Church 1 mile W

Tree 18 ft high 300 ft NE

250 ft N from old gauge

Denshaw Station 1 mile W

1916 Dept Station 2 S

+ Inspection

Rejected from survey 5' low.

Hubs

RAINFALL at Denshaw New Year BridgeCounty of W.R. YorkshireObserver C. J. Batley Esq. C.E.River Basin Upper Mersey 4Inscribed Rain Gauge, by Casatelli

Diameter ...	8										
Height .....	40										
Altitude ...	1012 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.01	1.66	4.01	3.75	4.49	6.44	4.08	3.24	2.90	5.08	
February ...	4.14	5.42	2.59	1.29	3.19	4.18	5.33	1.02	6.23	1.21	
March .....	.78	2.32	5.25	5.19	5.40	1.75	3.40	2.71	2.09	5.34	
April .....	3.79	3.15	1.21	5.05	1.86	1.80	2.99	2.21	1.80	2.17	
May .....	2.85	1.61	4.95	3.08	2.78	2.24	3.02	2.16	2.71	1.96	
June .....	5.60	3.62	5.81	2.95	4.24	1.07	3.82	2.72	1.41	2.10	
July .....	4.87	.48	6.01	1.46	5.07	6.44	3.43	1.85	4.69	2.75	
August .....	6.56	3.59	9.38	3.19	3.54	6.79	3.84	7.82	3.78	5.86	
September ...	.29	4.53	2.22	2.26	3.79	1.01	3.17	2.25	12.76	1.92	
October ...	4.44	4.12	5.44	3.60	3.11	2.13	8.12	7.19	3.43	3.96	
November ...	4.54	5.57	3.33	5.45	5.57	2.09	4.02	3.79	2.13	3.61	
December ...	5.00	5.92	5.69	3.02	6.60	8.41	3.21	2.12	8.51	6.57	
TOTALS ...	47.87	41.99	55.89	40.29	49.64	44.35	48.43	39.08	52.44	40.53	

1912 Tree 10 ft high 100 yds W

+ Inspected

Rejected from survey. 6" low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Deph	2 miles	W	Denshaw	1 m	W



RAINFALL at Denshaw New Year's BridgeCounty of N. P. YorkshireObserver C. J. Batley Esq. C.E.River Basin Upper Mersey &

Ca. MO. Inverton Rain Gauge, by Casartelli  
 built in pedestal as at Batley  
 3. renewed about 1917

Glass tested

Diameter ...	8										
Height .....	4.0										
Altitude ...	1012			994							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.48	6.34	3.39	3.72	2.94	3.26					
February ...	3.90	4.40	4.50	5.38	1.18	5.66					
March .....	3.25	3.30	2.98	2.12	1.61	1.80					
April .....	5.52	1.74	3.18	3.26	2.02	2.57					
May .....	6.79	2.63	1.63	4.54	5.85	3.68					
June .....	2.96	4.44	3.00	1.01	3.78	1.09					
July .....	10.01	1.76	5.46	5.28	3.86	2.51					
August .....	2.73	6.04	6.71	5.22	5.43	3.95					
September...	2.55	1.42	3.40	3.89	5.24	3.44					
October .....	1.86	2.78	1.19	4.83	6.32	6.17					
November...	2.15	2.54	2.99	6.04	2.45	3.11					
December...	3.69	6.32	3.81	3.76	5.26	3.63					
TOTALS...	49.89	35.89	42.24	49.05	45.94	39.87					

# see new gauge

1920 Trees 10ft high 100 yds W

inspected C.S. is on windy moorland on N.W. of reservoir. Land falls slightly to S  
 from open generally. S. moved about 18 yrs ago 80 yds S.W. when a plantation was  
 made. Possibly similar to this. Y.T. 22

1924. N.P. Gauge overflooded.

1925. Not finished - check gauge

Rejected from survey.

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
1920			Delph	2 mi	S	Denshaw	1 mi	W
1923	53° 55' 34"	2° 1' 19"						

RAINFALL at Denshaw (New Year's Bridge)County of Yorkshire N.R. Observer G. J. Batley Esq. C.E.River Basin Mersey, Upper. - HGedham Wds.(1929) N.W.O. Snowdon Rain Gauge, by Casella

NEW GAUGE.

Diameter ...			8								
Height .....				1							
Altitude ...				986							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...				4.11	3.25	3.69	4.43	4.77	10.97	2.16	6.40
February ...				5.81	1.33	6.15	3.86	1.77	5.37	1.02	1.09
March .....				2.35	1.74	2.13	1.80	6.06	2.98	1.29	3.64
April .....				3.63	2.35	2.94	2.36	5.00	1.31	1.70	4.03
May .....				5.06	6.19	3.95	6.16	1.71	2.14	3.53	2.71
June .....				1.25	4.07	1.11	3.43	4.70	7.35	1.58	2.21
July .....				5.78	4.32	2.71	3.49	3.95	2.13	2.70	8.79
August .....				5.66	6.03	4.32	5.21	8.04	6.07	6.23	6.95
September...				4.41	5.75	3.86	3.94	6.84	1.70	2.23	4.87
October .....			1.33	5.32	6.96	6.61	4.13	4.95	5.34	5.75	6.48
November...			3.14	6.81	2.65	3.41	5.54	5.03	7.14	8.75	5.70
December...			5.00	4.14	5.71	3.86	2.61	1.61	3.50	7.20	3.79
TOTALS...			imp.	54.33	50.35	43.74	147.26	544.43	55.00	44.14	56.66

1923. June 10 ft high 50yd away E.N.E.Rejected from survey. 3" 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
1923	53° 35' 36"	2° 1' 20"	Deepth	2 m	S.	Denshaw	1 m	W.



RAINFALL at Denshaw (New Year's Br.) new g.County of West Riding Observer C. J. Batley, Esq., C.E.River Basin Mersey Upper-4 6.12.1919 to 1.1.1920Type of Gauge MOAnnual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref. 660607/26

Diameter	8.											
Height	1.0.											
Altitude	986.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	5.84	5.58	3.00	3.69	2.10	4.46	4.49	6.18	7.04	3.07	15.45	
February	6.51	6.4	4.64	4.7	5.73	3.15	6.62	2.20	5.04	3.01	38.03	
March	4.8	3.04	4.38	3.99	2.14	3.42	3.29	1.63	3.56	3.57	29.50	
April	4.72	4.11	2.08	3.06	4.58	2.25	3.12	.70	3.02	2.72	30.36	
May	3.55	6.08	2.12	3.02	1.17	2.03	2.57	4.78	2.38	1.02	28.72	
June	7.71	7.5	3.83	2.83	4.42	5.86	2.62	5.01	3.93	1.05	38.01	
July	5.85	5.30	3.93	4.19	2.27	4.85	2.60	4.68	7.39	4.83	45.89	
August	7.10	1.93	2.19	4.06	2.92	2.63	1.78	4.21	2.76	2.45	32.03	
September	5.53	5.41	2.76	3.93	8.00	5.77	2.11	2.14	1.68	4.72	42.05	
October	2.84	7.80	4.86	5.66	9.83	5.73	2.77	10.02	3.43	5.11	58.05	
November	7.16	3.54	2.42	3.12	7.05	6.75	3.07	5.35	7.37	7.94	53.77	
December	2.21	2.24	0.71	6.41	3.90	4.42	3.40	5.83	4.24	5.13	38.49	
TOTALS	59.50	46.42	36.92	44.43	54.11	51.32	38.44	52.73	51.86	44.62	480.35	
	D	D	D	D	D	D	D	D	D	D	D	

1931. Trees 10' high 50yds NE.

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			Delph	2 miles	S	Denshaw	1 mile	W

Station No. 3126

RAINFALL at Denshaw (New Years St.) ✓

41

County of West RidingObserver C. Burfield Esq.River Basin Wharfe Upper 4Type of Gauge M.O.

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

File No. 660.62726

Diameter	8			559	443						
Height	10				1						
Altitude	986				4						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.60	4.87	5.66	6.43	3.74	5.69	3.95	9.32	1.95	2.67	46.08
February	5.83	1.80	3.20	2.80	5.89	7.02	1.64	3.25	2.48	5.45	39.36
March	5.73	3.21	1.69	.75	1.57	2.07	6.29	1.64	1.87	2.82	27.14
April	2.64	2.51	2.62	3.11	2.94	2.13	4.62	2.28	4.71	3.98	32.54
May	3.10	5.05	2.75	4.38	4.22	2.10	2.84	1.78	4.57	2.19	33.58
June	1.62	1.40	3.89	4.16	6.14	3.42	2.94	4.68	.96	2.78	32.19
July	2.65	4.81	3.14	3.33	1.92	5.62	2.83	2.13	2.55	4.27	33.91
August	6.01	5.65	6.31	4.66	3.03	5.93	.43	5.58	2.93	7.11	49.64
September	.60	2.96	5.01	5.28	3.30	7.17	3.45	2.85	1.71	7.15	39.68
October	5.46	6.73	3.02	4.58	6.76	1.14	1.13	3.54	4.68	2.84	39.88
November	3.52	1.20	3.60	8.60	1.02	7.91	7.06	2.22	6.91	7.00	49.04
December	2.91	4.09	2.71	3.98	2.90	4.17	4.32	4.05	7.71	3.34	39.98
TOTALS	45.04 D	44.28 D	42.60 D	53.32 D	43.43 D	54.37 D	41.50 D	43.32 D	43.03 D	57.10 D	463.02

1941 Trees 10' high 50 yds. N.E.

(198) - 1915 on 44.3 3rd Row

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.
1941			Denshaw	2m.	S.	Denshaw	1m.	W.

BRITISH RAINFALL ORGANIZATION

Station No. 3106RAINFALL at Denshaw (New Year's Br.)

51

County of West Riding - Yorks.Observer E. Busfield Esq.River Basin Murray - Upper - 4Type of Gauge M.S.Annual Average in. based on years obs. un-weighted. Period of average Ref.File No. 660607/26

Diameter ...	8"			559	443						
Height ...	1' 0"				1						
Altitude ...	986'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Totals
January ...	4.72	4.33	1.91	4.25	3.10	5.05	4.84	4.60	4.60	7.10	44.50
February ...	2.94	1.37	2.06	3.45	2.90	2.34	3.58	6.66	.51	3.60	29.41
March ...	5.23	3.02	2.46	3.35	2.83	1.70	4.32	2.87	2.30	1.66	29.74
April ...	2.92	3.86	3.68	.86	2.56	3.05	.62	1.68	4.54	2.74	26.51
May ...	2.87	2.92	2.99	3.69	4.39	2.27	1.55	4.81	2.53	2.19	30.21
June ...	.88	3.53	3.13	3.85	3.52	3.86	2.44	5.67	2.77	2.16	31.81
July ...	4.55	3.17	7.91	6.12	1.33	6.72	4.75	4.70	4.35	9.04	52.64
August ...	6.47	4.50	6.13	7.27	.77	12.97	5.80	5.32	.79	6.68	56.70
September ...	3.37	3.88	3.26	6.22	3.08	4.63	6.60	6.26	.44	3.75	41.49
October ...	1.43	5.98	2.56	8.60	2.34	3.42	6.65	4.61	4.76	5.92	46.27
November ...	9.11	2.58	5.18	6.65	2.25	1.99	3.26	1.85	4.96	7.96	45.79
December ...	7.90	4.17	2.03	6.76	6.12	4.89	4.86	4.78	7.29	5.67	54.27
TOTALS ...	52.39	43.31	43.30	61.07	35.19	52.89	49.27	53.81	39.84	58.27	489.34
	D	D	D	D	D	D	D	D	D	D	

1951. 4220 ft high 50xN.E.

An. av. 47.73 in. based on 33 yrs. obs. within 1923-57. Period of average 1916-50. Ref. S. Rejected

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD(34)986107

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1951.			Dalphi	2 m.	S.	Denshaw	1 m.	N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	1920-22 ✓ 1923-30 ✓	✓	✓	