

Rainfall at Boskew Whams Reservoir

50

Diameter of Gauge, in.

Height above Ground, ft. 1 in.Above Mean Sea Level, 950 ft.

YEAR - -										1850	MEANS.
January - -										3.90	
February - -										3.50	
March - - -										5.50	
April - - -										5.60	
May - - - -										0.50	
June - - - -										3.80	
July - - - -										1.80	
August - - -										6.80	
September -										5.50	
October - -										5.10	
November -										5.90	
December -										3.20	
TOTALS -										51.10	

Reino (1859): NGR corrected (not a move of site) from SE(44) 153057 to SE(44) 154058, following inst. 10.4.84.

Rainfall at *Boskew Wharfe Reservoir*
'Holme Reservoirs.'

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, *950* ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		1.90	2.10	6.90	2.10	3.80	6.80	2.30	4.10	2.80	
February - -		4.40	3.40	1.70	1.80	3.60	4.90	5.20	3.90	5.60	
March - - -		6.70	7.90	1.20	3.20	1.30	2.40	3.10	4.70	1.80	
April - - -		3.30	3.90	1.40	1.80	1.20	1.70	4.10	3.10	1.60	
May - - -		1.50	4.60	2.60	1.90	2.50	2.50	1.90	.90	4.10	
June - - -		4.70	3.50	4.40	2.30	.30	4.80	2.40	.00	1.10	
July - - -		6.90	2.80	1.30	1.10	2.70	4.50	4.90	.00	.50	
August - -		3.00	2.10	4.90	1.60	4.10	5.30	1.20	2.80	.30	
September -		4.30	4.30	2.10	2.40	.30	5.20	2.90	4.10	5.50	
October - -		1.40	11.20	7.10	4.20	7.30	2.80	3.20	4.90	1.80	
November -		5.60	.70	2.90	1.90	4.80	7.60	.90	2.70	2.60	
December -		5.70	2.10	3.10	3.30	1.20	4.70	3.20	6.30	4.10	
TOTALS -		49.40	48.60	39.60	27.60	33.10	53.20	35.30	37.50	31.80	

8 59 = 51.1 in. above m. l.

1867 In some places the values for this year for Boskew
and Holme Stages are transposed, the above was corrected.

Retro (1859): NGR corrected (not a site move) following insp. 10.4.24,

from SE(44)153057 to SE(44)154058.

RAINFALL AT *Poshaw Wharfe Reservoir*

70

Lat.

Lon.

County of

Rain Gauge, by

Observer *Lewis Hinchliffe*

Diameter.....		7									
Height.....		2.6									
Altitude.....	950	930									
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.10	2.80	8.30	2.60	3.10	5.10	.90	5.70	3.30	.80	
February....	4.00	3.10	4.10	.50	.70	.70	4.70	1.90	1.30	2.50	
March.....	2.80	1.50	2.70	1.50	3.50	.50	3.80	2.60	2.30	2.00	
April.....	.80	3.40	3.40	.30	1.40	1.40	2.00	2.50	1.30	3.00	
May.....	1.00	2.20	2.50	1.50	1.50	2.50	.90	4.70	3.90	1.90	
June.....	2.10	4.60	4.00	2.30	1.00	4.00	2.10	2.60	3.20	4.70	
July.....	.10	3.40	4.50	2.80	1.80	7.80	1.60	1.90	1.00	3.80	
August.....	1.10	1.40	2.80	1.60	3.10	3.10	2.40	5.70	5.10	6.70	
September...	2.10	5.60	6.50	3.20	3.30	4.30	4.50	3.50	3.40	2.80	
October.....	9.10	3.40	5.30	4.30	4.30	5.10	2.30	3.20	2.90	1.80	
November....	2.10	1.70	6.70	3.30	3.50	4.90	4.30	4.80	3.20	1.60	
December....	1.10	1.20	3.60	1.20	2.30	1.30	7.90	4.50	1.20	2.70	
TOTALS	27.40	34.30	54.40	25.10	29.50	40.70	37.40	43.60	32.10	34.30	

Retro (1889): NGR corrected from SE(44)153057 to SE(44)154058 following

msp. 10.4.84

RAINFALL AT *Bosham Wharfe Reservoir*

3182
80

Lat. _____

Lon. _____

County of *York*

Rain Gauge, by _____

Observer *Lewis Hinchliffe*

Base - Aire + Calder 8.

Diameter . . .	7										
Height	2.6										
Altitude	930										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .	.30	30	5.20	7.90	9.60	4.70	6.90	2.80	2.60	3.40	4.370
February	3.60	3.40	3.40	3.50	3.20	6.20	2.10	1.40	1.60	4.00	3.240
March	3.10	3.60	4.60	1.20	3.40	3.60	4.20	3.00	5.60	4.30	3.660
April	1.70	1.30	4.80	2.80	2.70	2.10	4.80	1.50	4.50	4.20	3.040
May	1.70	4.50	1.40	1.80	3.50	3.00	6.90	3.30	1.20	3.80	3.110
June	3.70	2.10	5.80	4.80	2.20	4.50	2.30	.40	3.60	.50	2.990
July	4.90	2.20	4.60	3.10	3.40	1.90	6.50	1.20	9.80	4.20	4.180
August	1.50	4.00	3.10	3.30	1.20	2.60	3.00	2.70	4.50	5.80	3.170
September . . .	4.30	1.90	2.10	7.10	3.10	6.50	3.80	5.90	1.60	3.90	4.020
October	6.20	5.10	4.20	6.40	3.20	10.50	6.70	4.60	2.30	7.40	5.660
November	3.10	3.70	8.60	5.80	2.30	4.60	2.80	4.00	14.20	1.60	5.070
December	4.60	4.20	6.20	3.70	9.90	2.10	9.50	4.40	4.00	3.60	5.220
TOTALS	38.70	36.30	54.00	51.40	47.70	52.30	59.50	35.20	55.50	46.70	47.730

Retro (1889): NSR corrected (not a mpe of site) from SE (44) 153057 to SE (44) 154058 following map 10.4.84

RAINFALL AT

Hohnbridge Bosham Wharfe

Lat. _____

Lon. _____

County of

York W.R.

Rain Gauge, by _____

Observer

Mr L. Hinchliffe

Messrs. H. Hall & Son

Use - Aries balder 8

Diameter	7											
Height	2 6									2 0		
Altitude	930											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.30	5.70	5.80	1.30	6.20	4.50	2.70	2.80	4.10	9.00	4.940	
February ....	.90	.50	4.70	8.80	12.10	1.00	2.40	4.70	4.90	1.90	4.190	
March	5.10	3.80	1.80	1.60	5.90	4.00	7.50	6.90	3.10	3.60	4.930	
April	1.90	3.00	2.00	.70	3.50	3.40	2.60	5.20	3.90	3.90	3.010	
May	4.60	4.00	5.30	2.40	1.90	.70	.40	1.30	4.40	3.60	2.860	
June	3.10	2.50	4.70	2.00	4.00	3.60	4.90	4.80	2.90	2.40	3.470	
July	3.20	3.40	4.00	3.80	4.60	8.60	1.40	2.70	1.50	2.30	3.550	
August	4.60	8.30	4.40	3.40	4.00	3.40	2.40	3.60	7.40	1.30	4.280	
September....	1.70	4.40	4.20	3.00	1.00	1.00	9.50	4.60	.70	8.10	3.820	
October	3.10	7.80	9.00	2.90	7.30	5.90	7.50	2.20	6.50	5.60	5.780	
November....	4.80	5.70	2.90	5.10	3.10	5.50	2.20	7.20	4.40	2.40	4.330	
December ....	.90	13.30	3.30	6.50	4.10	6.20	6.70	6.20	8.30	4.20	5.970	
TOTALS . . .	41.20	62.40	52.10	41.50	57.70	47.80	50.20	52.20	52.10	48.30	50.550	

1891 Hepworth Church $\frac{1}{2}$ mile ^E N.E.

Pike Lane Hills 1 mile E

Ratio (1859). NGR corrected from SE(W) 153057 to SE(W) 154058

Following map. 10.11.84

RAINFALL AT Holmbridge Roshaw Whams

Lat.

Lon.

County of York W.R. Central

Rain Gauge, by

Observer Mr L. Hinchliffe Mr B.T. Woodcock

Base - Airedale 8

J.H. Hill Stn. C.E.

Diameter ..	7										
Height	2 0						2.6				
Altitude ..	930 ^{ft}										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS
January ..											
February ..	7.70	3.90	4.60	5.40	5.70	3.00	6.30	3.20	4.60	3.00	4740
March	6.30	2.10	1.10	6.50	7.60	3.50	5.10	3.90	5.20	1.50	4280
April	1.40	5.90	3.60	8.20	3.30	5.20	5.10	3.60	4.10	4.30	4470
May	3.20	2.50	3.10	2.50	3.90	3.50	1.20	3.80	2.80	3.10	2960
June	1.90	1.30	3.20	4.00	3.80	.50	3.60	5.30	3.10	1.80	2850
July	3.20	1.70	1.70	1.80	1.10	1.90	1.70	6.30	2.60	4.10	2610
August	3.20	3.80	3.30	3.40	2.90	2.20	3.40	3.00	3.90	5.90	3500
September ..	7.10	2.20	4.10	6.50	4.90	4.40	3.20	3.30	3.70	3.30	4270
October	1.00	.80	2.60	6.10	1.40	2.40	1.20	.80	3.50	3.20	2300
November ..	7.70	3.60	6.80	12.80	1.80	4.70	7.80	6.90	1.50	6.40	6000
December ..	3.70	8.90	3.40	3.70	4.40	6.10	7.40	5.30	3.20	2.00	4810
TOTALS ..	8.50	9.30	5.20	3.00	3.80	1.50	5.30	5.40	4.20	10.70	5690
TOTALS ..	54.90	46.00	42.70	63.90	44.60	38.90	51.30	50.80	42.40	49.30	48480

1900 Hepworth Church 1 1/2 miles E 1906

East Nab Hill 2 miles E

1903 Holmfirth Station 2 1/2 " S NE 1906

Revis (1859): NGR corrected (not a change of site) from SE(44) 153057 to SE(44) 154058; following insp. 10.4.84.

RAINFALL at Holmbridge, Boshaw, Wharfe, RansomCounty of W.R. YorkshireObserver Mr. B. T. WoodcockRiver Basin Ouse, Aire Calder & C. Y. Wharfe & R. C. R.

Old zinc float Rain Gauge, by
 shallow pulley - no pipe.
 diam. throughout about 6.85 but very irregular.

New Gauge 1918

Diameter ...	7								5		
Height	20								10		
Altitude ...	930T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. TOTALS
January ...	7.50	2.60	6.30	5.90	4.80	9.40	5.80	2.10	5.70	6.70	20.30
February ...	4.60	6.00	2.40	2.10	4.10	6.00	9.10	2.40	8.70	3.10	23.30
March	1.00	3.40	4.50	8.70	6.50	2.10	7.50	2.50	1.40	9.40	18.80
April	5.00	3.10	1.70	5.50	1.30	1.80	4.00	3.50	1.50	2.00	11.00
May	4.50	1.50	4.30	2.50	3.00	1.40	2.50	2.40	2.50	2.20	9.60
June	4.10	4.00	4.70	3.10	4.50	1.40	3.70	1.90	2.20	1.20	9.00
July	5.20	.20	5.30	1.40	2.70	6.00	1.70	1.90	3.10	3.90	10.60
August	6.50	3.60	7.80	1.80	3.10	5.60	1.90	8.20	4.10	4.00	18.20
September ...	.40	3.10	2.70	2.40	3.10	.70	2.10	2.40	10.40	3.20	18.10
October ...	2.30	4.50	4.90	4.10	3.30	2.00	8.10	7.20	4.00	3.50	22.80
November ...	7.00	7.30	4.60	5.90	8.30	3.40	6.10	6.50	2.40	4.20	19.20
December ...	6.00	7.30	8.90	4.60	10.00	10.40	4.00	4.10	8.40	7.50	24.00
TOTALS ...	54.10	46.60	58.10	48.00	54.70	50.20	56.50	45.10	54.40	48.90	204.90

Retro (1959): Corrected NGR (not a change of site) following resp. 10-4-84
 from SE (m) 153057 to SE (m) 154058

+ 27.1.15 C.S. Gauge fixed in wooden box at about 2 ft in small enclosed garden.
 from tree 15 ft. high 12 ft. N. The about 30 years ago was in perfectly open
 position in field close by.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Holmbridge	2 3/4	N	Hepworth	1 3/4	E

RAINFALL at Holmbridge Boshaw Wharfe ReservoirCounty of N. B. YorkshireObserver Messrs. Mallinson & Son C.E.River Basin Cuse-line Calder Sfor Holm ReservoirLondon

Rain Gauge, by _____

Diameter ...	5											
Height	1	0										
Altitude ...	930											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	1920-30 Totals
January ...	6.00	6.50	4.00	3.10	3.30	6.70	6.20	3.90	10.20	2.10	7.40	59.40
February ...	5.40	2.0	4.10	3.90	2.40	6.70	3.90	1.60	7.70	.80	.94	36.74
March	4.20	4.50	3.80	3.20	.70	1.80	2.20	4.80	4.00	1.10	3.00	33.30
April.....	6.50	1.30	4.80	3.30	2.80	3.40	3.20	4.20	2.30	1.90	3.10	36.80
May	5.20	2.10	1.20	4.80	5.50	4.70	4.20	1.80	2.20	3.30	1.90	37.10
June	5.50	Nie	3.50	0.80	2.00	.00	3.40	4.50	5.20	1.10	4.10	30.10
July	5.60	2.00	3.80	4.90	4.00	1.50	3.50	3.40	2.00	2.90	7.90	41.50
August	2.20	6.70	6.50	4.30	3.20	4.00	4.10	5.40	4.60	5.20	4.60	51.30
September...	1.80	1.50	4.30	3.50	4.70	4.20	2.50	7.10	.50	2.00	5.18	37.28
October.....	3.00	1.60	1.30	5.00	6.50	6.20	5.40	6.60	6.60	6.00	6.00	54.20
November...	2.80	2.70	2.20	4.10	3.00	3.00	6.50	6.90	9.20	10.00	4.80	55.20
December...	6.00	8.00	3.60	2.60	6.80	5.50	2.30	3.20	3.80	12.10	4.20	58.10
TOTALS...	54.20	37.10	43.10	44.00	44.90	47.70	47.40	53.40	57.70	48.40	53.12	531.02

Retro (1859) NGR Corrected (Not a change of site) following map. 10.4.84
from SE(44) 53057 to SE(44) 54058

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
			Holmfirth	2 mi	N	Hepworth	1 mi	E

RAINFALL at Holmfirth (Bosham Wharves R.)County of West RidingObserver Messrs Mallinson & SonRiver Basin Ouse-Aire-Calder-8J.P. Dunnington Esq. C.E.Type of Gauge GlaisherAnnual Average 49.27 in. based on 25 years obs. un-weighted. Period of average 1881-1905 Ref. 3

1940 Deleted See M.T. 12 82063323

815113/23

Diameter	5.											
Height	1.0.											
Altitude	930.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	4.80	5.40	4.20	3.50	3.20	4.61	6.61	7.50	6.44	4.00	50.26	
February	6.10	.65	5.20	1.8	7.78	3.34	6.75	2.47	4.90	2.50	39.77	
March	.50	3.20	2.60	4.15	2.00	4.05	4.34	.78	4.61	3.63	29.86	
April	5.30	(5.25)	1.80	3.00	3.65	1.61	2.79	.25	1.70	4.00	29.35	
May	2.90	5.80	1.80	2.50	.50	1.52	3.34	4.05	3.00	1.38	26.79	
June	4.90	.50	3.60	1.75	3.75	5.10	1.50	4.00	3.55	.75	29.40	
July	4.61	6.00	3.00	2.20	1.62	3.00	2.76	3.40	7.00	4.55	38.14	
August	6.90	2.40	1.16	2.10	2.00	1.75	1.50	4.50	1.45	1.77	25.53	
September	5.50	4.70	2.35	2.15	7.00	5.35	1.94	2.20	1.70	4.50	37.39	
October	2.00	6.50	5.50	4.50	10.69	6.62	3.37	7.85	3.00	6.44	56.47	
November	6.58	4.85	2.30	3.20	7.75	7.25	2.60	7.73	8.50	10.00	60.76	
December	2.50	2.00	0.64	5.00	3.40	5.25	2.84	4.17	3.25	4.30	33.35	
TOTALS	52.59	(47.15)	34.15	34.23	53.34	49.45	40.34	48.90	49.10	47.82	457.07	

1932 April estimated by surrounding stations.

* Gauge taken over by Huddersfield W.W. x/37

1359: Corrected NR (not change of site). Following from 10.4.34
from SE(44)152057 to SE(44)154058

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. 3182

RAINFALL at Holefith (Bohane Wharfe Res)

41

County of West RidingObserver J. P. Burridge Esq. C.E.River Basin Ouse - Aire - Calder - B

Type of Gauge.....

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

Ref.....

See Min. 7 in file 820633/28

File No. 660601/26

Diameter	5"		078	850								
Height	1' 0"			1								
Altitude	930'			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	
January	3.70	4.60	6.50	8.70	5.00	4.32	4.40	10.12	1.98	3.20	52.52	
February	6.00	1.75	3.71	2.17	6.00	5.28	(4.48)	3.16	3.20	8.20	43.95	
March	6.20	2.75	2.42	.25	1.20	2.42	7.30	1.67	1.15	2.98	28.31	
April	3.40	2.15	3.20	3.55	4.00	2.30	4.30	2.72	4.39	4.77	34.78	
May	3.45	3.83	3.20	3.56	3.61	3.01	3.52	1.50	2.27	3.03	30.98	
June	1.50	1.50	3.25	2.50	3.74	3.60	2.72	4.33	1.09	2.03	26.26	
July	2.00	(4.14)	1.75	3.25	1.80	3.16	1.70	1.65	3.46	2.68	25.59	
August	3.78	4.10	4.82	4.58	3.40	5.50	.36	5.12	3.15	3.95	38.76	
September	.50	3.20	4.25	5.56	2.50	6.83	2.14	2.40	1.51	6.68	35.54	
October	5.50	6.20	2.55	4.35	7.50	2.13	.87	2.41	4.43	2.24	38.48	
November	3.52	2.18	3.62	2.55	.72	9.34	7.71	2.24	7.11	6.28	52.35	
December	3.60	4.20	2.62	5.33	3.37	4.50	5.13	4.40	9.02	2.17	44.34	
TOTALS	43.15	40.60	41.89	53.35	42.84	52.39	44.63	41.72	22.84	48.45	451.86	

Gauge taken over by Huddersfield W.W. 8/37.
 1942 July past ext'd.
 1947 Feb. used for snow
 00404
 20004

1959: NGR corrected (not change of site) following insp. 10.6.84.
 from SE(W) 153057 to SE(W) 154058

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. 3182RAINFALL at Holmfirth (Boshow Wham Res.)

51

County of West Riding - YorksObserver J. P. Beveridge Esq. C.E.River Basin Ouse - Aire - Calder &Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref. 5" " 44-79 " 24 " " within 1933-57 " 1916-50 File No. 666601/26

Diameter ...	5"			078	850						
Height ...	1' 0"				1			9"		1' 0"	
Altitude ...	930'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	4.55	3.70	1.94	3.64	3.45	6.61	3.35	4.00	4.02	7.10	42.36
February ...	4.65	1.12	2.65	4.32	2.63	1.64	4.57	6.07	.19	2.79	30.63
March ...	6.35	2.15	3.06	2.46	3.30	1.95	3.08	2.57	1.70	2.59	29.21
April ...	3.18	2.61	4.27	.70	1.73	2.69	.34	1.56	6.00	2.86	25.94
May ...	4.84	2.66	2.68	4.40	5.87	1.25	1.66	4.22	1.37	2.45	31.40
June ...	1.35	2.12	4.46	2.00	3.63	3.60	.98	5.90	2.09	1.35	27.48
July ...	3.12	1.42	4.74	3.68	.92	7.73	3.33	5.36	3.27	5.80	39.37
August ...	6.21	2.86	4.47	6.46	1.00	8.67	4.77	2.80	.64	5.41	43.18
September ...	2.27	3.86	3.00	6.21	1.93	4.59	4.48	4.98	.24	3.84	35.40
October ...	1.07	6.42	2.57	7.31	2.98	2.91	4.50	3.60	4.80	8.62	44.78
November ...	10.53	2.17	4.80	8.10	2.48	1.86	3.00	1.20	5.09	7.05	46.28
December ...	6.90	3.62	2.00	7.10	6.56	5.68	5.00	5.32	9.13	6.66	57.97
TOTALS ...	55.02	34.71	40.64	56.87	36.48	49.18	39.06	47.58	38.44	56.52	454.00
		M	M			M	M	M	M	M	

INSPE. MAY 1958 J.B.R. Satisfactory site but g. surrounded by extensive fence high than rim of g.
Sufficient to be daily g. but at time of inspection bottle was overflowing

1959: Corrected NGR (not change of site) following upsp. 10.4.84

Position of Station on Ordnance One-Inch map :

No. of Map 102National Grid Reference SE153057

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 - Rejected

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