

RAINFALL AT Keighley The Knowle

Lat. _____ Lon. _____ County of York WTC

Rain Gauge, by _____ Observer W Clough Esq
Cause - Airc 9

Diameter						5	5				
Height						1	0	1	0		
Altitude						380	380	395		385	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						4.72	1.51	2.47	2.71	6.19	
February ....						.59	1.02	3.09	4.06	2.24	
March						3.55	5.08	5.74	1.28	2.16	
April						2.33	2.17	2.28	3.22	2.65	
May .....						.56	.90	1.21	2.50	2.90	
June						2.05	4.79	4.00	2.07	1.81	
July						5.88	2.13	1.15	.71	2.37	
August						3.34	1.51	4.01	3.62	1.61	
September....						1.73	6.17	3.92	.94	5.86	
October						3.60	4.91	1.96	5.00	2.99	
November....						5.00	1.61	3.77	3.13	1.58	
December						4.22	4.75	5.24	4.27	3.63	
TOTALS						37.57	36.55	38.84	33.51	35.99	

1897 St John's Church 1/3 mile SW
 Tree 30 ft high 36 ft NE

RAINFALL AT *Neighley The Knole*

Lat.

Lon.

County of *York W.R. Central*

Rain Gauge, by

Observer *W. H. Long Esq*

Case No 9

Diameter ..	5										
Height	10										
Altitude ..	3857										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.18	2.80	2.44	3.70	3.87	1.38	5.47	1.89	2.24	2.22	
February ..	4.78	1.50	1.31	4.57	3.66	2.25	2.98	2.49	2.38		
March ....	.93	3.33	2.11	5.37	2.26	3.21	2.83	3.26	4.12		
April	2.33	2.60	1.96	1.70	2.49	2.79	1.64	2.17	2.57		
May	1.93	1.14	2.73	2.86	3.16	.64	3.24	3.44	2.51		
June	4.44	1.06	1.38	1.52	2.21	2.33	2.18	5.58	1.38	2.56	
July	4.24	1.81	2.90	4.85	1.92	1.24	1.80	2.93	3.43		
August	6.15	2.04	2.97	4.84	4.30	4.96	3.68	2.91	3.19		
September ..	1.05	1.34	1.62	4.92	1.03	2.00	.75	.75	3.05		
October	4.69	2.03	4.05	10.63	1.13	2.98	5.33	5.43	2.14		
November ..	3.77	5.44	2.86	2.29	3.34	4.55	3.91	2.43	2.76		
December ..	4.15	5.78	3.71	2.46	2.58	.84	3.34	3.96	2.34		
TOTALS ..	43.64	30.87	30.04	49.71	31.95	29.17	37.15	37.24	32.11		

1900 St. John's Church 500 yards SW

Trees 30 ft high 36 ft NE

1906 Neighley Station 1/2 mile E + S

1908 Ings . 520 ft S.S.W

RAINFALL at Keighley The KnoleCounty of W YorkshireObserver J. GoughRiver Basin Ouse - Aire 9

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	385 T								590		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. TOTALS
January ...	5.38	1.57	5.47	4.25	2.32	4.64	3.33	2.47	3.03	4.42	13.25
February ...	4.24	4.40	2.18	1.67	3.24	5.71	5.25	.72	5.10	1.68	12.75
March .....	.73	1.56	4.77	5.67	4.37	.82	3.65	2.79	1.36	5.86	13.66
April	2.54	1.62	.80	3.98	1.57	1.50	2.28	2.04	.91	1.97	7.20
May	3.12	1.26	2.13	3.06	1.15	1.57	2.39	2.34	3.16	2.15	10.04
June	2.93	3.35	6.19	1.83	2.19	1.41	2.01	2.14	1.87	1.07	6.79
July	3.21	.77	5.42	.80	2.62	3.84	1.97	1.29	4.58	2.02	9.86
August	4.86	1.96	6.07	1.30	1.96	3.86	2.61	5.25	2.03	2.86	12.45
September ..	.26	2.97	1.78	1.40	2.22	.55	1.92	1.69	9.45	1.20	14.26
October ...	3.80	3.78	3.99	1.97	2.33	1.43	7.91	6.45	2.41	2.32	19.09
November ..	4.62	3.97	3.03	3.34	5.96	2.27	4.00	3.37	1.83	3.02	12.22
December ...	4.63	6.80	4.69	2.74	7.82	7.40	3.17	1.76	6.64	5.98	17.55
TOTALS ...	40.32	34.01	46.95	32.01	37.75	35.00	40.49	32.31	42.07	34.25	149.12
	2	2			3	3			2	3	

1912 House 2 Storey 78 ft NW
 New built 80. E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	54	2 W	Improver	1/4 m	S	Improver	1/4 m	S

RAINFALL at Heighley The KnowleCounty of N. B. YorkshireObserver P. Blough Esq.River Basin Guse-Aire &(1929) House Rain Gauge, by Snowdon

Diameter ...	5											
Height	10											
Altitude ...	390											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 TOTALS
January ...	5.16	6.65	4.61	3.01	3.27	4.33	4.39	4.27	10.91	2.19	6.31	55.10
February ...	2.70	3.0	4.27	6.90	1.21	6.95	3.46	1.94	6.01	.57	1.13	35.44
March	3.04	2.67	3.03	2.37	1.40	1.28	2.18	3.61	7.84	.35	2.23	26.00
April	4.49	1.70	4.01	3.15	2.51	3.79	1.83	3.03	1.57	1.10	3.24	30.42
May	4.70	1.95	1.39	3.78	5.52	4.67	3.69	1.21	2.07	1.95	2.07	33.00
June	1.80	.17	2.44	1.02	2.55	.02	3.42	3.59	6.43	.97	1.60	24.01
July	5.63	2.25	4.66	3.94	4.16	1.79	3.10	3.82	1.91	2.78	5.57	39.61
August	1.88	5.07	5.45	4.67	4.04	4.32	3.86	5.63	7.54	2.48	4.80	49.74
September...	1.57	1.55	3.89	4.95	4.02	2.78	3.09	4.67	0.95	.68	3.96	32.11
October	2.52	2.11	.97	4.86	3.58	4.77	4.65	3.68	7.55	4.83	4.52	44.04
November...	2.70	2.68	1.99	5.70	2.69	2.59	7.19	4.26	7.62	6.77	5.17	43.36
December...	3.83	5.59	3.93	3.73	5.07	5.12	1.40	2.96	2.90	9.47	3.55	47.55
TOTALS...	40.02	32.64	40.64	43.08	40.02	42.41	42.26	42.67	59.30	34.14	44.15	466.38

1920 House 78 ft. NW
 Tall Trees 80 ft. E

Position of Station on reduced Ordnance Survey
 Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54° 10'S	2° 4'E	Inghow	1/4 mi	S	Inghow	1/4 mi	S.W.

RAINFALL at Keighley (The Knowle)County of West Riding Observer P. Clough, Esq.River Basin Ouse-Aire - 9Type of Gauge Annual Average 32.2 in. based on 35 years obs. un-weighted. Period of average 1897-1913 Ref 5

90670629

Diameter	5.											
Height	1.0.											
Altitude	390.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1937-40 Mean	Total
January	2.88	4.14	2.85	3.59	1.62	4.80	4.79	5.22	5.27	2.77	37.93	
February	4.15	.29	4.84	.23	5.32	2.41	5.83	1.78	3.87	2.37	31.09	
March	.47	2.64	1.91	3.62	1.58	2.51	2.93	.62	2.48	2.26	21.02	
April	3.52	4.06	1.06	2.56	3.51	1.39	2.84	.47	1.22	3.20	23.82	
May	2.82	4.24	2.65	2.43	.96	1.29	2.66	3.75	1.10	.77	22.67	
June	5.59	1.17	1.80	1.91	3.18	3.85	1.88	3.58	2.95	.58	26.49	
July	3.77	3.97	1.95	1.52	.94	3.54	2.53	3.29	7.26	3.44	32.81	
August	3.98	1.27	0.57	2.16	1.28	2.33	1.78	5.06	1.44	1.03	20.90	
September	3.44	3.79	1.76	2.05	6.54	3.39	1.32	1.61	1.40	3.35	28.65	
October	1.89	6.23	4.33	3.80	7.48	3.26	2.08	7.64	2.98	3.96	43.73	
November	7.27	2.96	2.38	1.78	6.27	4.14	1.78	5.14	6.26	5.94	43.92	
December	2.09	1.73	0.46	5.16	3.65	3.63	2.39	4.78	2.35	3.04	29.28	
TOTALS	41.87	36.49	26.55	30.81	42.33	36.64	32.81	42.94	39.18	32.71	362.33	
	D	D	D	D.	D.	D	D.	D	D	D		

1931. House 2 storeys high 78' NW.

Trees (all) 80' E.

1933. Gauge inspected August 28th and found to be not of standard pattern - recommended a new gauge be supplied.* 2 views of the fact that gauge exposure is unorthodox, it has been decided to delete the average of 38.0 inches, with effect from 1st 1940. Min 10 g. station 1/2.

1940. Jan part. settled.

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	Direction
1931			Ingrrow	1/4 ml	S	Ingrrow	1/4 mile	SW

RAINFALL at Keighley (The Knowle) Station No. 3295 41County of West Riding Observer P. Clough EsqRiver Basin Ouse Aire

Type of Gauge

Annual Average ^x in. based on years obs. un-weighted. Period of average Ref.File No. 906706/25

Diameter	5"										
Height	1' 0"										
Altitude	390'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.50	3.99	4.80	5.10	3.00	4.13	3.50	8.23	1.49	2.46	39.20
February	4.27	1.17	2.48	1.61	4.00	4.64	2.68	2.20	2.76	6.42	32.23
March	3.39	2.77	.92	.38	.89	1.21	5.60	1.36	1.03	1.81	19.36
April	2.34	1.73	2.28	3.03	2.18	1.09	3.38	2.46	2.81	2.98	24.34
May	1.93	3.52	2.45	2.81	4.97	1.77	2.96	.92	2.19	1.68	24.67
June	.18	1.52	3.05	2.61	3.70	1.81	2.88	3.74	.56	1.08	21.13
July	1.93	2.36	2.44	2.65	2.41	3.55	1.57	1.05	3.18	2.84	23.98
August	4.73	3.71	4.01	2.80	5.02	6.73	.27	3.34	2.64	5.88	39.13
September	.43	2.01	3.87	5.71	2.06	6.53	2.11	1.99	.86	5.02	30.59
October	3.80	4.73	2.36	4.33	5.85	.69	1.08	1.17	4.03	2.89	30.63
November	2.63	1.80	2.66	6.05	.36	5.30	4.24	1.41	5.72	4.06	34.23
December	1.48	2.94	2.03	4.75	2.09	2.97	3.81	4.06	6.93	2.19	33.25
TOTALS	29.61	32.25	33.35	41.33	35.53	40.42	34.08	31.93	34.20	38.98	352.74

1941 House 78' N.W. Tall trees 80' E.

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			Ingrow L.M.S.	1/4 ml.	S.W.	Ingrow	1/4 ml.	S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 3245RAINFALL at Keighley (The Knowle)

51

County of West Riding - YorksObserver P. Clough Esq.River Basin Pace - Aire - 9

Type of Gauge.....

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

File No. 906706/29

Diameter ...	5"			075	034							
Height ...	1'0"			1								
Altitude ...	390'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.77	5.09	.67	3.19	1.90							
February ...	3.71	1.10	2.14	2.92	2.09							
March ...	3.61	1.89	1.55	1.99	2.27							
April ...	1.98	2.04	2.91	.49	.89							
May ...	3.70	3.13	1.74	2.17	2.95							
June ...	1.07	1.79	3.26	1.72	1.98							
July ...	2.42	1.44	4.98	3.11	.66							
August ...	3.97	4.57	3.81	7.18	1.48							
September ...	2.29	3.31	3.33	3.99	1.65							
October ...	1.19	3.91	2.28	5.78	2.10							
November ...	8.28	1.54	4.27	6.22	2.48							
December ...	7.11	3.64	1.79	5.11	4.32							
TOTALS ...	43.10	33.45	32.73	44.87	24.77							
	D	D	D	D	D							

1956. Obs. Direct.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE 062400

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
	✓	✓	✓	✓	
	✓ but - 12-13 14-17	✓ but - 20	✓	✓	