

RAINFALL AT

Kirkby Malzeard Hawset

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

J. Dawson Esq. C.E.

Use. Use 12

Diameter	8											
Height	0 9											
Altitude	820											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.69	1.90	1.83	1.43	6.02	4.25	1.36	1.87	2.49	6.17	3.201	
February	1.08	.15	2.84	6.26	6.89	1.45	.72	3.82	2.90	2.38	2.849	
March	3.18	1.90	.99	.92	3.15	3.61	4.08	6.67	1.22	1.75	2.747	
April	1.53	3.67	1.77	.60	3.01	3.08	1.72	2.13	3.96	3.55	2.502	
May	2.63	3.38	3.44	2.55	2.44	.47	.59	1.49	2.60	4.41	2.400	
June	3.27	1.11	5.02	2.23	3.96	2.66	3.43	3.18	2.60	1.72	2.918	
July	1.95	3.51	1.85	2.09	3.46	5.22	2.08	1.37	.85	2.87	2.525	
August	5.22	5.69	4.79	3.85	2.54	2.48	1.73	3.87	3.65	1.77	3.559	
September....	2.16	2.91	1.93	2.17	.65	1.24	6.30	2.33	.96	5.02	2.567	
October	1.19	4.47	7.07	3.18	6.09	3.84	5.42	2.00	6.43	3.99	4.368	
November....	3.85	4.52	2.12	2.39	2.66	6.45	1.77	2.57	3.69	3.50	3.352	
December	1.41	5.66	1.11	4.33	3.53	3.56	5.85	4.96	4.76	3.52	2.869	
TOTALS . . .	33.16	38.87	34.76	32.00	44.40	38.31	35.05	36.26	36.11	40.65	6.957	

RAINFALL AT *Killy Malgeard, Hawick*

Lat. Lon. County of *York W.R. Northern*
 Rain Gauge, by Observer *J. Hewson Esq. C.R.*
C.G. Hargreaves Esq. C.R.

line-12.

Diameter ..	8										
Height	0 9										
Altitude ...	820 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.79	2.00	1.55	4.39	3.76	.97	4.80	1.49	2.69	1.63	2.806
February ..	4.89	1.49	1.59	4.23	4.03	1.48	2.57	2.25	2.55	1.08	2.616
March	1.01	3.53	1.39	5.95	2.67	2.87	2.38	3.33	4.38	6.65	3.416
April	2.23	2.52	1.88	1.75	2.75	2.89	.55	2.11	2.39	3.55	2.262
May	1.98	1.62	2.59	5.60	4.15	.71	3.60	4.88	2.79	2.11	3.003
June	3.16	1.63	1.64	3.59	1.65	1.49	1.07	5.21	3.06	2.21	2.471
July	2.38	2.29	2.32	3.74	2.07	.72	1.36	1.96	3.40	3.80	2.404
August	7.13	1.84	2.76	3.62	3.82	4.08	4.15	2.25	2.88	3.71	3.624
September ..	.90	1.37	1.54	5.00	1.45	3.12	.75	.74	3.65	2.26	2.078
October	5.71	1.56	3.54	9.91	.99	2.15	7.65	6.66	2.45	3.92	4.454
November ..	4.64	3.98	2.64	2.01	2.01	6.68	4.01	2.95	2.44	1.48	3.284
December ..	4.10	3.75	3.58	2.50	2.42	1.08	1.89	4.99	1.73	4.17	3.021
TOTALS ..	42.92	27.58	27.02	52.29	31.77	28.24	34.78	38.82	34.40	36.57	35.430

Hicks

28. IX. 06 Inspection note by Dr. Hill. 8 in. Copper glauken still in good condition but for the hydraulic joint gallery having dropped. glass lying beside g. in ground - placed it inside wire can. g. possibly open to interference by animals (rabbits etc), wire netting round the 12ft. enclosure advised - also change of gauge to 5 in. Snowden.

+ Inspected

049 825

10 3379

RAINFALL at Kirkby Malzeard HawsettCounty of W YorkshiresObserver C. H. Hensell Esq C.E.River Basin Don - Ure 12

Rain Gauge, by _____

Diameter ...	8											
Height	0 9											
Altitude ...	820 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	4.81	2.11	3.70	5.35	2.57	6.13	3.88	2.29	3.11	5.08		14.36
February ...	3.31	3.63	1.96	2.35	3.62	5.35	4.54	.64	5.60	2.21		12.99
March .....	.75	2.04	4.59	6.58	3.11	.92	3.82	2.23	1.70	3.87		11.62
April	3.30	1.57	.45	4.35	1.16	1.52	1.86	1.64	1.03	2.43		6.96
May	2.48	1.74	2.83	2.43	1.81	2.36	2.63	2.28	3.41	1.57		9.89
June	2.38	2.92	7.58	2.23	2.68	.35	2.40	2.31	1.08	1.64		7.43
July	3.18	.54	4.51	1.13	3.11	5.22	2.55	1.30	3.86	1.90		9.61
August	4.86	3.48	6.59	1.57	1.80	3.14	2.56	8.39	3.18	2.48		16.61
September ..	.46	2.66	2.20	1.92	2.10	.53	3.12	1.63	8.95	1.55		15.25
October ...	4.21	4.91	3.71	3.41	2.27	1.60	8.02	5.21	3.32	4.43		21.18
November ..	3.87	5.25	2.86	3.93	5.90	2.13	4.33	3.46	2.62	3.76		14.17
December ...	4.01	6.12	5.50	2.11	9.31	7.74	2.66	2.17	6.32	5.74		16.89
TOTALS ...	37.62	36.97	46.48	37.36	39.44	36.99	42.37	33.55	44.38	36.66		156.96

+ Imputed

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

RAINFALL at Hinkley Malzeard HawsettCounty of N. YorksObserver G. G. Hensgell Esq. C.E.River Basin Ouse-Weir 12(1925) H. Shatford Esq. C.E.C. Blair Rain Gauge, by beginning to leak in beam + in other places.downing leads.

Diameter ...	8												
Height	0 9												
Altitude ...	820												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Actual	1920-30 Totals	
January ...	5.49	6.99	4.43	2.72	3.05	5.14	5.44	2.56	8.54	1.40	6.26	53.02	
February ...	3.41	2.9	4.18	6.13	3.4	5.50	3.37	2.07	4.58	1.05	1.34	32.76	
March	4.06	2.97	3.08	1.73	1.70	.96	1.45	2.53	4.19	.38	2.80	25.90	
April	6.19	1.04	3.54	3.00	2.57	4.35	1.74	2.76	.66	1.70	3.77	31.32	
May	4.09	2.06	1.06	3.35	6.33	4.92	2.43	1.85	2.76	1.99	1.37	32.26	
June	1.60	.52	2.01	1.09	2.49	.13	4.00	3.31	4.51	1.11	1.95	22.82	
July	6.41	2.23	6.07	3.15	5.33	1.74	3.34	5.23	1.09	2.96	6.15	43.70	
August	1.81	5.54	3.84	4.62	3.24	3.18	3.34	9.03	4.50	3.20	3.49	45.79	
September...	1.12	1.75	4.38	3.71	4.72	2.76	3.33	5.62	.50	1.18	6.79	35.86	
October.....	3.60	1.96	1.29	4.41	5.01	4.23	3.66	5.29	5.94	4.26	3.94	43.59	
November...	2.78	2.56	1.36	6.22	3.54	1.81	8.00	3.70	5.63	5.56	5.48	46.64	
December...	4.17	6.26	4.76	3.68	5.06	4.80	.97	3.47	2.56	9.23	3.58	48.59	
TOTALS...	44.73	34.17	40.00	43.81	43.88	39.52	41.12	48.47	45.56	34.07	46.92	462.25	

Inspected 9.5.23. 4 in iron railing in meadow. Sufficient shelter on all sides, slightly too open to east. Good exposure. Gauge to N. of road about 100 yds.

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

RAINFALL at Kirby Malzeard (Hawsett)

County of West RidingObserver H. Shortreed, Esq., CCRiver Basin Ouse - Ure - 12K.M. Farnham Emg. S.E. (1929)

Type of Gauge.....

Annual Average 37.1 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref. 3

780902/27

Diameter	9.			5			8				
Height	0.9.										
Altitude	820										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
January	2.21	4.22	3.26	3.02	1.71	4.48	4.96	6.35	6.26	1.29	38.26
February	3.27	.64	5.29	.25	6.53	2.89	4.85	1.54	2.98	2.98	31.22
March	.64	2.66	2.90	2.67	1.04	2.54	3.97	.42	2.61	1.90	21.35
April	4.50	3.85	1.32	3.60	3.52	1.43	3.99	.19	1.64	2.30	26.36
May	3.68	5.82	3.83	2.99	.91	2.09	2.95	3.05	1.14	1.71	27.69
June	4.64	1.49	1.65	1.80	3.63	4.87	1.86	4.06	3.27	.35	27.62
July	4.65	3.90	2.98	.76	.49	4.21	2.17	3.53	4.21	4.70	31.60
August	3.90	1.51	0.52	2.82	1.37	2.66	1.37	4.09	2.03	.56	20.83
September	5.12	2.78	1.96	2.32	5.75	3.00	1.53	2.17	1.14	1.75	27.52
October	1.66	4.88	3.66	4.17	6.23	2.58	2.69	7.80	3.56	4.20	41.43
November	6.33	2.96	3.24	2.58	7.21	3.76	1.92	5.83	5.10	5.28	44.21
December	1.96	2.19	0.67	7.47	2.61	4.03	4.29	4.99	1.99	2.86	33.06
TOTALS	42.56	36.90	30.78	34.45	41.00	39.04	36.55	44.02	35.97	29.88	371.15

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. T.F. 3279

RAINFALL at Killy Malgeard (Hawth)

41

County of West Riding Observer K. L. Foster Esq. CE.

River Basin Aire - Ure 12

Type of Gauge

Annual Average 37.1 in. based on 41 years obs. un-weighted. Period of average 1881-1915. Ref. 5

File No. 780902/27

Diameter	8"			0.49	3.25			5"			
Height	0' 9"			1							
Altitude	820			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50 Total
January	4.27	3.40	4.76	3.61	4.60	3.81	3.11	8.41	1.17	2.08	39.22
February	4.91	3.18	2.37	1.68	4.59	3.23	6.13	2.55	2.57	6.13	37.34
March	3.64	2.87	1.59	.31	1.15	1.31	8.02	2.35	.91	1.37	23.52
April	2.06	1.63	1.90	2.39	2.15	1.83	4.66	2.13	3.38	3.07	28.20
May	1.67	2.50	3.12	1.01	4.34	3.31	2.68	.99	1.51	1.80	22.93
June	.21	1.06	2.83	2.83	2.86	2.07	3.67	3.41	.66	1.05	20.65
July	1.95	3.29	1.55	2.60	2.43	2.54	2.06	1.07	1.89	3.05	22.43
August	2.42	3.09	4.66	2.02	3.46	6.41	1.01	4.71	3.24	5.93	36.95
September	.23	2.12	4.76	6.28	2.63	6.01	2.16	2.14	1.49	4.84	32.41
October	4.22	3.04	2.66	3.67	5.88	2.61	1.06	1.01	4.51	2.03	30.69
November	4.27	1.70	2.33	7.25	.89	7.57	3.68	1.21	5.25	5.19	39.34
December	1.73	3.43	2.16	3.66	2.50	3.75	2.76	4.47	5.76	1.39	21.61
TOTALS	31.63	31.31	34.69	37.31	37.48	44.46	41.00	34.45	32.84	37.63	362.29

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.

3379 T.F. 41

RAINFALL at 8 Kirby Malgerd (Hawsett)

51

County of West Riding Yorks.

Observer

K. L. Forster Esq. C.F.River Basin Don - Wre - 12

Type of Gauge

M.O.Annual Average 37.1 in. based on 41 years obs. un-weighted.

Period of average

1881-1915

Ref.

P/E 23380/5838.65 - - - 35 - - - 1916-1950

File No.

75 V 2227

Diameter ...	5"										
Height ...	0'9"										
Altitude ...	820'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.73	2.71	.45	2.67	2.73	4.32	4.18	3.44	4.39	5.94	34.56
February ...	2.93	.40	2.55	3.06	2.20	2.15	3.11	4.80	.17	3.53	24.95
March ...	3.74	2.26	.56	2.51	2.30	1.58	2.32	2.51	2.94	2.41	23.13
April ...	1.79	2.00	2.86	.45	.90	2.07	.22	1.00	4.37	1.69	17.85
May ...	5.98	1.91	1.90	5.34	2.91	.92	1.46	5.73	.79	1.21	28.15
June ...	1.12	1.09	2.73	2.13	2.46	2.92	1.54	3.71	1.32	1.24	20.26
July ...	1.90	1.61	3.33	2.36	1.08	6.19	3.13	2.59	2.24	5.20	29.63
August ...	5.38	4.57	3.88	6.34	1.10	7.74	6.03	3.59	.81	3.34	42.78
September ...	2.29	4.26	3.12	3.20	1.60	4.35	4.28	3.05	.22	3.51	29.88
October ...	1.86	4.02	3.04	6.96	2.09	1.86	4.08	2.94	4.06	6.57	37.48
November ...	9.67	2.88	3.56	7.02	2.81	.57	1.70	1.05	4.13	5.66	39.03
December ...	5.42	2.15	1.77	3.29	5.01	3.80	3.00	5.86	8.97	4.82	44.09
TOTALS ...	45.81	29.86	29.75	45.33	27.19	38.47	35.05	40.25	34.41	45.17	371.29

high 11.1953 g.B.O.V. 4.9 mm. One - impact all directions. Turf - well good. Better in available in hollow.

8 Turf-well

Position of Station on Ordnance One-Inch map :

No. of Map

91National Grid Reference SE184729

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 - accepted

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