

RAINFALL AT Kirby Malzeard Drovers Inn

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

J. Henson Esq. CL

Obs. Mar 12

Diameter	8											
Height	0.9											
Altitude	633											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.21	2.22	1.68	1.47	5.59	6.17	1.05	1.88	1.67	5.31	3.225	
February97	.07	2.97	5.39	6.20	.72	.68	3.27	2.29	2.12	2.468	
March	2.85	1.76	.98	1.16	3.12	3.09	4.09	5.91	1.27	1.51	2.574	
April	1.20	3.34	1.54	.66	3.24	2.47	1.55	2.21	3.37	2.76	2.244	
May	2.57	2.81	3.14	2.53	2.13	.48	.62	1.00	2.37	4.04	2.169	
June	3.51	1.02	4.57	1.82	3.43	2.70	3.02	2.50	2.25	1.57	2.639	
July	1.62	3.62	1.45	2.33	3.14	5.09	1.88	1.38	1.09	2.43	2.103	
August	3.82	5.17	4.20	3.33	2.44	2.75	1.86	4.03	3.07	1.70	3.227	
September....	2.12	2.46	1.62	1.87	.45	1.56	5.92	2.53	.69	3.66	2.288	
October.....	1.09	4.02	7.65	2.70	6.11	3.77	5.03	2.02	6.65	2.54	11.158	
November....	3.56	4.00	2.03	1.94	1.93	5.65	1.76	1.39	3.22	2.36	2.784	
December....	1.22	5.35	.82	3.82	3.28	3.71	4.76	4.48	4.01	3.29	3.474	
TOTALS	29.84	35.84	32.65	29.02	41.06	38.16	32.22	32.60	31.95	33.29	33.663	

RAINFALL AT Kirby Malzeard Drovers Inn

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer J. Henson Esq C.I.

June - 12.

C. G. Henshell Esq C.I.

Diameter ..	8*										
Height ..	0 9										
Altitude ..	633 ft	576 ft									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.21	2.00	1.60	3.24	2.89	1.85	5.62	1.83	2.99	1.67	2790
February ..	5.15	1.52	1.61	3.80	4.01	2.80	2.80	2.49	2.46	1.30	2794
March ..	.85	3.34	1.30	4.34	2.61	4.34	2.75	2.85	5.03	5.37	3278
April ..	1.84	2.01	1.81	1.36	2.18	3.42	.60	1.87	2.43	3.56	2108
May ..	1.91	1.30	2.41	5.39	3.29	1.02	3.51	4.46	3.14	1.98	2841
June ..	2.93	1.88	1.79	2.10	1.57	1.36	1.03	5.95	1.95	2.06	2262
July ..	1.83	2.55	1.82	2.69	2.32	.33	.70	1.83	3.23	3.97	2127
August ..	5.81	1.84	3.05	3.77	3.83	4.27	4.09	2.43	2.82	3.57	3548
September ..	.90	1.28	1.51	4.65	2.04	3.33	.58	.75	3.77	2.41	2122
October ..	5.61	1.84	3.24	8.15	1.30	2.09	7.18	6.94	2.59	3.81	4275
November ..	4.13	3.87	2.64	1.87	2.90	5.59	4.50	2.97	1.80	1.31	3158
December ..	3.91	4.08	3.29	1.98	3.23	.93	2.43	6.05	1.79	5.85	3254
TOTALS ..	39.08	27.51	26.07	43.34	32.17	31.33	35.79	39.42	34.00	36.86	3455 534

1906 — 1909 Metre printed

H.W.B.

28.1x.06. Inspection note by Dr. Hill - "Henshell (innkeeper at Drovers Inn) says 'gauge kept at the inn by John William Pearson was moved about 15 years ago to field 4 m. E of inn, 25 yds E of road.'

5 in. Casella No. 8319, lk 11 in. in thorough good condition.

* 8 in. glass jar, lk 9 in. in good condition only band for hydraulic joint loose. An old measuring glass, white black, broken down to 20 in. in the can.

glass in enclosure too long

(copied from notebook in P.B. 259, now destroyed)
11.0.36
29.7.44

RAINFALL AT Kirkby Malzeard Drawers
 Lat. Lon. County of York w/R. Northern
 Rain Gauge, by Observer J. H. Newson Esq. CL
 Here - 12. C. G. Horrell Esq. CL

Diameter ..	5										
Height	0.9										
Altitude ..	576 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.01	1.67	3.47	3.12	1.97	6.18	1.89	3.13	1.76		
February ..	1.43	1.75	4.19	4.33	3.13	3.01	2.79	2.61	1.36		
March	3.34	1.39	4.68	2.87	4.77	3.02	3.16	5.06	5.36		
April.....	1.98	1.82	1.48	2.41	3.76	.61	2.02	2.52	3.81		
May	1.33	2.59	6.00	3.52	1.13	3.73	4.80	3.30	2.11		
June	1.87	1.92	2.31	1.69	1.45	1.12	6.58	2.09	2.17		
July	2.66	1.88	2.86	2.41	.37	.74	1.99	3.35	4.22		
August	1.88	3.25	3.97	4.15	4.62	4.62	2.46	2.98	3.70		
September..	1.31	1.66	3.80	2.22	3.78	.62	.77	3.96	2.60		
October....	1.85	3.55	5.78	1.89	2.32	7.77	7.13	2.71	4.06		
November ..	4.01	2.83	1.86	3.14	6.07	4.90	3.06	1.88	1.41		
December ..	4.41	3.72	2.16	3.45	.97	2.70	5.27	1.81	6.72		
TOTALS ..	28.08	28.03	45.51	34.70	34.29	39.02	41.92	35.40	39.28		

+ Inspected

see note on previous sheet. 29.7.44.

RAINFALL at Kirby Malvern Driven Inn

County of W.R. Yorkshire

Observer C.G. Hengell Esq., C.E.

River Basin Ouse - Ave 12

Rain Gauge, by _____

Diameter ...	5										
Height	0 9										
Altitude ...	576 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.67	2.46	6.68	7.08	2.07						
February ...	4.07	4.01	2.96	2.19	3.51						
March75	2.40	4.64	6.38	3.16						
April	3.40	1.67	.57	4.60	1.13						
May	2.56	2.00	2.90	2.56	1.91						
June	2.58	2.84	6.91	2.34	1.22						
July	2.35	.35	4.60	1.01	2.93						
August	6.17	3.18	6.68	1.59	1.69						
September ..	.38	3.00	2.27	1.65	.04						
October ...	4.47	4.41	3.59	3.36	2.51						
November ...	4.03	4.87	2.59	3.34	5.28						
December ...	4.29	6.83	5.05	2.23	8.66						
TOTALS ...	41.72	38.02	49.44	38.33	34.91						

† Inspected

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

RAINFALL at Kirby Malzeard Drove Inn

County of W.R. Yorkshire

Observer C.G. Hennell Esq. Cr.

River Basin Ouse Use 12

Rain Gauge, by

Diameter ...	8										
Height	6.9										
Altitude ...	576										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. TOTALS
January ...	6.33	2.31	6.25	6.62	2.07	6.19	3.40	4.31	3.31	5.53	16.55
February ...	3.80	3.76	2.75	2.05	3.51	5.74	3.85	1.02	5.12	3.02	13.01
March68	2.15	3.98	5.86	3.16	1.09	4.72	2.87	1.39	4.58	13.26
April	3.18	1.62	1.54	4.28	1.13	1.36	1.99	2.75	.77	2.08	7.59
May	2.28	1.91	2.81	2.38	1.91	2.19	3.00	1.86	4.01	2.34	11.11
June.....	2.32	2.64	6.48	2.15	1.22	.30	2.86	2.63	.68	1.22	7.39
July	2.22	.34	4.41	.93	2.93	4.04	2.63	1.15	4.03	1.95	9.76
August.....	5.89	3.13	6.52	1.49	1.59	2.82	1.60	8.11	3.08	2.95	15.74
September ..	.36	2.81	2.23	1.51	.94	.69	2.63	1.62	8.96	1.46	14.67
October ...	4.23	4.19	3.43	3.11	2.51	1.60	7.87	5.31	3.05	4.52	20.75
November ..	3.87	4.52	2.45	3.11	5.28	2.20	4.95	2.91	2.26	3.93	14.05
December ...	4.08	6.41	4.75	2.07	8.66	8.82	3.00	1.61	6.20	5.00	16.61
TOTALS ...	39.24	35.79	46.60	35.56	34.91	37.04	42.50	36.15	42.86	38.98	160.49

1910 not printed

1911 " "

1912 " "

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

RAINFALL at Thirkby Malycards Drovers Inn

County of W.R. Yorkshire Observer G.G. Hengell Esq C.E.

River Basin Ure - Ure 12 (1925) H. Shortland Esq. B.E.

Gauge { Boniford Rain Gauge, by { 16 ft. above ground.
 alongside { Glaisher { 8.00 } scales a little in funnel { 5.00 }
 7.98 }

Diameter ...	8									1920.	MEAN.
Height	0.9										
Altitude ...	576										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-30 TOTALS
January ...	4.60	6.18	7.18	1.94	3.12	4.61	6.52	3.22	8.82	1.86	6.65
February ...	2.46	2.20	4.42	7.77	1.07	5.64	3.77	2.10	4.84	1.38	1.67
March	3.50	2.53	3.08	1.82	2.08	.86	.97	2.84	4.56	.34	3.33
April.....	6.62	1.14	3.33	3.18	2.10	3.71	1.57	2.09	.72	1.63	3.91
May	3.48	2.97	.75	2.84	6.87	4.76	2.01	1.65	2.50	2.11	1.41
June	1.98	3.3	1.69	.97	2.47	.07	3.75	3.10	4.60	.98	2.22
July	6.92	1.61	6.05	3.22	5.98	1.11	2.75	5.81	.76	3.14	5.31
August	1.66	4.77	4.28	4.78	3.36	2.62	2.91	8.69	7.58	3.05	3.87
September...	1.09	2.22	4.62	3.45	4.77	2.68	3.18	5.57	.22	.85	7.08
October.....	4.40	2.28	1.50	4.27	4.95	4.38	3.88	4.18	6.39	4.31	3.85
November...	2.23	2.86	1.59	5.28	3.55	1.90	7.07	4.23	5.80	6.10	6.17
December...	4.88	2.46	4.41	4.22	5.14	5.02	1.00	3.21	2.55	9.34	4.55
TOTALS...	43.82	31.55	42.90	43.82	45.26	37.26	39.38	46.69	44.94	35.09	50.02

Inspected 9.3.5-VII-23. 8.5 in meadow within iron railings. Sufficient shelter on all sides, a little open to east. Good exposure.

Gauge in field 1/4-1/2 mi S.W. of Drovers Inn.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
 Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction

RAINFALL at Kirby Malzeard (Drovers' Inn)

County of West Riding

Observer H. Shortreed, Esq.

River Basin Ouse - Ure - 12

K.W. Farmer Engy. C.E. (1939)

Type of Gauge

Annual Average 36.0 in. based on 41 years obs. un-weighted. Period of average 1851-1915 Ref. 780902/27

Diameter	8.										
Height	0.9.										
Altitude	576.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
January	2.40	4.79	3.65	2.76	1.67	5.97	4.74	5.85	6.49	1.37	39.69
February	3.53	6.60	5.84	3.0	5.23	3.37	5.58	1.47	2.90	3.90	32.72
March	1.82	2.60	2.08	3.25	1.94	2.56	3.48	3.38	2.85	2.20	21.46
April	4.19	3.50	1.29	3.66	3.18	1.34	3.78	1.21	1.48	2.51	25.14
May	3.65	6.12	3.41	2.52	1.19	1.57	2.99	2.99	1.26	1.36	26.06
June	4.75	1.19	1.29	1.68	3.53	3.42	1.99	4.07	3.17	.68	27.77
July	5.01	4.10	2.64	1.97	1.48	4.14	1.77	4.59	5.11	5.15	33.96
August	4.09	1.61	0.32	2.40	1.69	2.40	1.10	3.90	2.06	.53	20.10
September	4.90	3.29	1.90	3.13	6.51	3.20	1.33	2.04	.97	1.80	29.07
October	1.54	4.70	3.83	4.21	5.86	2.31	2.84	7.65	3.96	4.35	41.25
November	7.20	3.27	3.31	2.88	6.71	3.58	1.96	5.85	4.73	5.67	45.16
December	2.39	2.19	0.57	6.98	2.79	3.92	3.85	4.76	2.37	2.89	32.71
TOTALS	44.47	36.96	30.43	34.74	39.78	39.78	35.41	43.76	37.35	32.41	375.09

Inspected June 1933 - Measure with flat bottom in use. Readings seem reliable and no change is recommended. No reliance should be placed on any readings from the observer's instrument at Cross Hills Farm and this should be abandoned.

Recommendations carried out - see f. Final copy A

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

Station No. 3378 T.F.

RAINFALL at Kirby Malybone (Dunmore Farm)

41

County of West Ridgeway

Observer K. L. Forster Esq. C.E.

River Basin Quo. 12

Type of Gauge.

Annual Average 36.5 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 780902/27

Diameter	8"	049	857						5'		
Height	0' 9"			1							
Altitude	576'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	4.54	3.50	5.55	3.73	4.49	3.66	3.41	8.80	1.27	2.12	41.13
February	5.48	3.55	2.17	1.94	4.47	3.09	6.85	2.46	2.35	6.57	38.93
March	3.57	3.02	1.45	4.7	9.9	1.45	7.73	2.31	1.45	1.68	24.12
April	2.39	1.69	2.08	3.02	2.16	2.01	5.22	2.65	3.48	3.19	27.89
May	1.93	2.95	2.99	.99	4.04	3.75	2.71	1.38	1.45	1.78	23.97
June	.25	.97	2.40	3.63	3.05	2.41	3.90	4.29	1.25	1.12	23.27
July	2.10	2.95	1.96	2.56	2.33	3.09	2.40	1.04	2.03	3.39	23.85
August	2.75	3.04	3.72	2.15	3.21	6.28	.69	4.66	4.16	5.60	36.26
September	4.7	2.07	4.76	6.03	2.31	6.57	2.09	1.91	1.52	4.42	32.15
October	4.37	2.91	2.29	3.71	5.58	2.52	1.12	1.00	4.07	2.06	29.62
November	3.49	1.70	2.61	6.84	.72	7.40	3.32	1.17	4.62	4.74	36.91
December	1.63	3.34	2.14	3.54	2.55	3.54	2.94	4.17	5.53	1.65	30.95
TOTALS	33.17	31.69	34.12	38.67	35.90	45.77	42.38	35.84	33.20	38.31	369.05

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

Station No. 3378

11. 41

RAINFALL at Kirkby Malzeard (Dovecote Inn)

County of West Riding Yorks.

Observer

K. L. Horster Esq: C.F.

River Basin. Ouse - Hare - 12

Type of Gauge. M.O.

Annual Average 36.0 in. based on 41 years obs. un-weighted. Period of average 1881-1915
 39.02 - - - 35 " " 1916-1950
 File No. 7802/2/27

Ref. S
P/E 23380/58

Diameter	8"	5"	049	857	on 10/0	8"	5"				Means
Height	0'9"			1			1'0"				Total
Altitude	576'			57							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.03	3.23	.67	2.75	2.75	4.85	3.86	4.34	4.02	5.38	34.88
February	3.43	4.49	2.50	3.14	2.29	2.22	3.07	5.17	1.14	3.43	25.91
March	4.15	2.37	.60	2.82	2.25	1.67	2.39	2.38	2.23	2.90	23.66
April	1.83	1.87	3.07	.63	.78	2.13	.32	.84	4.53	1.88	17.88
May	7.29	1.95	1.79	5.37	3.01	.83	1.58	5.13	.83	2.62	30.40
June	1.17	1.35	2.70	2.04	2.43	3.53	1.45	4.34	1.44	1.22	21.67
July	1.64	1.41	3.19	2.31	1.07	5.87	3.61	3.58	2.23	5.03	29.94
August	5.48	5.06	4.41	7.25	1.23	7.81	5.99	4.20	1.01	3.42	45.88
September	1.98	4.11	3.08	3.16	1.58	3.78	4.18	4.19	.15	3.20	29.41
October	1.42	3.72	2.50	6.51	2.33	1.83	4.27	2.69	3.44	6.99	35.70
November	8.75	1.92	3.47	6.80	2.82	.83	2.01	.83	5.20	5.78	38.41
December	4.89	2.36	1.58	3.67	4.98	1.28	2.74	5.34	7.57	4.70	42.11
TOTALS	45.06	29.84	29.56	46.48	27.52	39.53	35.47	43.03	32.79	46.57	375.85

July II 1958 f. B.S.K. g. round. Acorn-like infestation. Turf-wall will not last.

Turf-wall

Position of Station on Ordnance One-Inch map :

No. of Map 91

National Grid Reference SE 213 742

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ up to 10-12 + -	✓ -	✓ -	✓ -	