

# RAINFALL AT *Hinby Maheard Drovers Inn*

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

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

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

*York W.R.*

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

Observer \_\_\_\_\_

*J. Hewson Esq. C.E.*

*Rise. Use 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	2.225	
February ....	.97	.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	2.403	
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	4.158	
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

*Keikly Malzeard Drovers Inn*  
 Lat. .... Lon. .... County of *York W.R. Northern*  
 Rain Gauge, by .... Observer *J. Harrison Esq. Ch.*  
*C. G. Moryell Esq. Ch.*

*no-12.*

Diameter ..	8 *											
Height ....	0 9											
Altitude ..	633 <del>N</del>	576 <del>N</del>										
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	5.05	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	34557	524

1906 — 1909 not printed

28.11.06. Inspection note by Dr. Hill - "Nikell (master at Drovers Inn) says 'gauge kept at the inn by John William Pearson was moved about 15 years ago to field  $\frac{1}{4}$  m. E of inn, 25 yds E of road.'

5 in. Casella, No. 8819, Rk 11 in. in thoroughly good condition.

\* 3 in. glass, Rk 9 in. in good condition only found for hydraulic joint loose. An old measuring glass, quite black, broken down to 20 in. in the can.

grass in enclosure too long

(copied from notebook in P.O. 259, now destroyed)  
 R.O. 36.  
 29.7.44

RAINFALL AT *Kirkby Malzeard, Wiltshire*  
 Lat. .... Lon. .... County of *York W.R. Northern*  
 Rain Gauge, by .... Observer *T. Dawson Esq. C.R.*  
*C. F. Honyell Esq. C.R.*

*Dec-12.*

Diameter ..		5									
Height ....		0 9									
Altitude ..		576 <del>ft</del>									
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	3.73	.62	.77	3.96	2.60	
October ....		1.85	3.55	8.73	1.39	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. 29.7.14.

RAINFALL at Killy Maljead Drover InnCounty of W R YorkshsObserver C. S. Hingell Esq. C.E.River Basin Once - One 12

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

Diameter ...	5										
Height .....	0 9										
Altitude ...	576 $\pi$										
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						
March .....	.75	2.40	4.64	6.88	2.16						
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	1.59						
September ..	.38	3.00	2.27	1.65	.94						
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 Kukby Malgeard Downs InnCounty of W. YorkshireObserver C. G. Hensell Esq. C.E.River Basin One Use 12

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

Diameter ...	8										
Height .....	6 9										
Altitude ...	576										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 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	3.12	3.02	13.01
March .....	.68	2.15	3.98	5.86	3.16	1.09	4.72	2.87	1.39	4.25	13.26
April .....	3.18	1.62	.54	4.28	1.13	1.36	1.99	2.75	.77	2.08	7.58
May .....	2.28	1.91	2.81	2.38	1.91	2.19	3.00	1.86	4.01	2.24	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	5.80	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 Stinky Malzeard's Drovers InnCounty of W. D. YorkshireObserver E. G. Hensgell Esq. C.E.River Basin Cure - Ure 12(1925) H. Shortland Esq. C.E.Worsley Leeds.

Gauge slipside { Broadford Rain Gauge, by 498  
Slasher { 5.00 } under a tree in funnel 5.50 1 ft. above ground.

Diameter ...	8												
Height .....	0.9												
Altitude ...	576												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. Means	1920-30 Totals	
January ...	4.60	6.18	7.18	1.96	3.12	4.61	6.52	3.22	8.82	1.86	6.65	54.72	
February ...	2.46	2.0	4.42	7.77	1.07	5.64	3.77	2.10	4.84	1.38	1.67	35.32	
March .....	3.50	5.53	3.08	1.82	2.08	.86	.97	2.84	4.56	.34	3.33	25.91	
April .....	6.62	1.14	3.33	3.18	2.10	3.71	1.57	2.09	.72	1.63	3.91	30.00	
May .....	3.48	2.97	.75	2.84	6.87	4.76	2.01	1.65	2.50	2.11	1.41	31.15	
June .....	1.98	.33	1.69	.97	2.47	.07	3.75	3.10	4.60	.98	2.22	22.16	
July .....	6.92	1.61	6.05	3.28	5.98	1.11	2.75	5.81	.76	3.14	5.31	42.72	
August .....	1.66	4.77	4.28	4.78	3.36	2.52	2.91	8.69	5.58	3.05	3.87	43.21	
September...	1.09	2.22	4.62	3.45	4.77	2.68	3.18	5.57	.22	.85	7.08	35.73	
October .....	4.40	2.28	1.50	4.27	4.95	4.38	3.88	4.18	6.39	4.31	3.85	44.39	
November...	2.23	2.86	1.59	5.28	3.55	1.90	7.07	4.23	5.80	6.10	6.17	46.78	
December...	4.88	2.46	4.41	4.22	5.14	5.02	1.00	3.21	2.55	9.34	4.55	48.78	
TOTALS...	43.82	31.55	42.90	43.82	45.46	37.26	39.38	46.69	44.94	35.09	50.02	460.98	

Inspected 7.5.11.23 8' in mounds within iron railings. Sufficient shells on all sides, a little open to east. Good exposure.

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

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 (Drovers' Inn)

County of West RidingObserver H. Shortreed, Esq.River Basin Ouse - Dye - 12H. W. Fomaley Esq. C.E. (1939)

Type of Gauge .....

Annual Average 36.0 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref. 5

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	1.60	5.84	3.0	5.23	3.37	5.58	1.47	2.90	3.90	32.72	
March	1.82	2.60	2.38	3.25	1.94	2.56	3.48	1.38	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	5.12	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	1.68	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	1.53	20.10	
September	4.90	3.29	1.90	3.13	6.51	3.20	1.33	2.04	1.97	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. Encl 49A

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 Direction from gauge	Parish Church.	Distance Direction from gauge

Station No. 3378 TF

RAINFALL at Kirby Malyhead (Down's Farm)

41

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

River Basin Ouse Ure 12

Type of Gauge

Annual Average 36.2 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 780902/27

Diameter	8"		0.49	0.57					5'		
Height	0' 9"			1							
Altitude	576'			41							
Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	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	2.11	1.94	4.47	3.09	6.85	2.46	2.35	6.57	38.93
March	3.57	3.02	1.45	.47	.99	1.45	7.73	2.31	1.45	1.68	24.12
April	2.39	1.63	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	.47	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	3.79	1.70	2.61	6.84	.72	7.40	3.32	1.17	4.62	4.74	36.91
December	1.53	3.34	2.14	3.54	2.55	3.54	2.94	4.17	5.55	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.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

Station No. 3378

RAINFALL at Kirkby Malzeard (Drovers' Inn)

51

County of West Riding Yorks.

Observer

K. L. Forster Esq. C.F.

River Basin Ouse - Nire - 12

Type of Gauge

M.O.

Annual Average 36.0 in. based on 41 years obs. un-weighted.

Period of average 1881-1915

Ref. S

39.02 " " 35 " " 1916-1950

1916-1950

PJE 23380/58

File No.

7802/2/27

Diameter ...	8"	5"	0.49	8.57	8"	5"					
Height ...	0'9"			1		1'0"					
Altitude ...	576'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
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	.49	2.50	3.14	2.29	2.22	3.07	5.17	.14	3.43	25.91
March ...	4.15	2.37	.60	2.82	2.25	1.57	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	3.44	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	4.28	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

Inst II 1958 J.B.O.K. g. sound. Reasonable exposure. Turf-wall will not last.

g Turf-wall

Position of Station on Ordnance One-Inch map :

No. of Map 91

National Grid Reference

SE 413 722

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
	✓ up 10-12	✓	✓	✓	