

RAINFALL AT Kirkby Stone and Lane Wham

Lat. _____

Lon. _____

County of _____

York W.R.

Rain Gauge, by _____

Observer _____

J. Newson Esq. C.E.

Case - No. 12

Diameter	8											
Height	0 9											
Altitude	1118											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.64	2.42	2.71	2.19	6.29	10.55	1.77	3.09	2.14	8.51	4.631	
February	1.48	.37	5.23	6.82	9.48	2.97	.51	3.44	2.59	2.91	3.580	
March	3.62	2.44	1.83	2.15	3.97	2.90	5.26	8.00	1.60	1.24	3.301	
April	1.66	3.51	1.10	.63	3.39	4.33	1.26	2.36	2.45	3.67	2.436	
May	2.93	3.32	4.73	2.64	2.35	.42	1.04	1.39	4.47	5.09	2.838	
June	4.12	1.58	3.65	2.43	4.54	1.53	3.85	2.32	2.94	.90	2.786	
July	1.99	2.65	3.94	2.91	3.49	6.72	1.69	1.58	.81	3.74	2.952	
August	5.56	7.82	4.59	3.07	2.70	2.41	2.78	4.15	4.25	1.02	3.835	
September...	2.66	3.50	2.31	1.28	.81	1.62	7.03	2.19	.25	3.92	2.557	
October.....	1.54	5.41	9.46	3.88	6.44	4.58	5.00	2.36	7.78	5.84	5.229	
November...	3.74	5.04	2.17	2.19	3.31	6.26	2.24	2.62	3.63	3.48	3.468	
December ...	2.10	7.00	1.60	5.44	3.49	6.14	5.44	4.32	3.65	2.29	4.147	
TOTALS	38.04	45.06	43.32	35.63	50.26	50.43	37.87	37.82	36.56	42.61	41.760	

RAINFALL AT Kirkby Malzeard Stone & Ears Wham

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer J. Hewson Esq. Ch.
C. G. Hensell Esq. Ch.

un-12.

Diameter ..	8											
Height	69											
Altitude ..	1118 ft											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	6.78	2.46	1.72	4.92	2.76	1.67	5.55	2.13	3.00	2.43	3.342	
February ..	7.70	1.15	1.44	4.23	6.27	2.12	2.87	3.34	2.65	1.09	3.286	
March	1.30	3.32	2.34	8.04	2.92	2.95	2.69	3.31	6.00	6.24	3.911	
April	2.50	3.76	2.07	1.35	3.00	2.77	.83	1.93	2.01	3.45	2.367	
May	2.19	1.03	1.84	6.47	3.73	2.07	4.04	3.23	3.55	2.76	3.091	
June	2.77	2.35	2.70	2.75	2.33	1.74	1.55	6.50	4.32	2.85	2.986	
July	2.94	2.87	2.09	3.55	1.67	.99	1.17	2.44	2.38	2.84	2.394	
August	7.30	1.72	2.65	4.22	4.07	4.60	3.63	2.44	2.82	4.75	3.820	
September ..	.86	2.10	2.61	4.75	1.27	2.02	.78	.97	4.30	2.55	2.221	
October	6.47	1.81	4.45	9.54	1.73	3.28	7.38	5.86	2.33	4.48	4.733	
November ..	4.71	4.50	2.11	3.69	3.07	6.56	4.57	3.94	3.24	1.65	3.804	
December ..	5.48	4.31	5.56	3.12	2.46	1.69	3.34	6.71	1.95	6.05	4.067	
TOTALS ..	51.00	31.38	31.58	56.63	35.28	32.46	38.40	42.80	39.55	41.14	40.022	924

H. G.

RAINFALL at Kirkby Malzeard Stone and Lane Wham

County of W Yorkshre Observer C. G. Dennyell Esq C.E.

River Basin Ouse - Wee 12

Rain Gauge, by _____

Diameter ...	8										
Height	0 9										
Altitude ...	1118 N										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals
January ...	6.34	2.33	5.25	4.29	1.73	7.35	6.24	1.97	3.62	5.97	17.80
February ...	4.82	4.12	2.86	3.97	5.65	5.80	4.23	2.65	5.13	.71	12.62
March .....	.87	2.48	4.04	5.70	3.33	1.75	5.76	2.15	2.01	6.85	16.77
April	3.45	1.38	1.42	5.50	1.00	1.52	2.68	3.29	1.49	1.94	9.40
May	3.20	2.28	3.16	2.98	1.86	2.37	3.12	2.35	3.62	2.41	11.50
June	1.96	3.45	7.18	2.49	3.28	.32	2.17	2.92	1.02	1.06	7.17
July	2.78	.62	4.91	1.28	2.31	5.89	2.81	1.20	6.45	2.55	13.01
August	5.75	3.41	5.86	1.26	2.43	3.07	2.44	7.03	3.33	3.40	16.20
September ..	.54	2.03	2.24	2.23	1.87	1.50	2.97	3.86	8.81	1.80	17.44
October ...	4.61	5.44	4.90	3.43	2.27	1.49	6.27	4.71	4.19	2.53	17.70
November ..	4.05	6.07	3.07	4.16	5.61	2.08	6.84	2.09	2.81	6.45	17.89
December ...	4.58	5.89	6.15	2.67	9.23	6.44	3.24	3.79	5.21	5.20	17.44
TOTALS ...	43.06	39.50	51.04	39.96	40.57	39.58	48.77	37.91	47.39	40.87	174.94

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

RAINFALL at Linkby Malpasford Stone & Carr WhamCounty of N. YorksObserver C. G. Hensgill Esq. C.E.River Basin Ure - 12(1925) H. Shatford Esq. C.E.

Rain Gauge, by _____

Instrument: Leeds

Diameter ...	8											
Height	0.9											
Altitude ...	1118											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	1920-30 Totals
January ...	7.21	8.65	6.27 9.74	2.21	2.30	5.78	6.24	2.50	9.05	(1.45)	4.59	56.75
February ...	3.53	5.7	3.17	3.99	.57	4.93	3.45	1.11	3.97	1.97	2.59	29.84
March	3.60	2.16	3.93	2.84	1.95	1.17	(1.69)	2.52	3.65	.26	3.43	27.20
April.....	7.10	2.06	4.04	2.66	1.21	2.04	(1.69)	2.72	1.14	1.19	4.32	30.17
May	4.06	1.43	.84	2.70	5.51	3.68	2.26	1.53	2.40	2.39	1.33	28.13
June	1.26	.84	1.76 9.03	1.12	3.94	.65	3.45	2.71	4.50	1.11	1.80	23.19
July	7.92	2.93	7.27	1.83	3.34	.37	2.68	6.46	.82	2.05	6.10	41.77
August	1.94	3.44	4.18	2.88	4.19	3.88	(2.57)	8.00	4.41	3.91	4.08	43.48
September...	.99	3.36	4.00	3.79	3.82	2.50	2.71	5.07	.56	.57	6.79	34.16
October.....	3.88	2.03	1.22 2.22	3.15	3.37	3.74	2.96	4.76	5.10	3.91	2.90	37.02
November...	2.85	5.76	1.00	5.48	3.90	2.15	6.85	3.99	5.05	4.51	5.58	44.12
December...	3.53	6.51	4.52	3.24	3.77	2.56	(2.10)	3.40	2.77	(8.64)	3.08	44.12
TOTALS...	47.87	36.79	42.20	35.88	38.37	33.45	(38.65)	44.77	43.42	31.96	46.59	439.95

1925. S. V. 23 The observer told me that this gauge was in well-ground and also that it was situated in a slight hollow like exposure at Hambleton Hill.
1922: First read on wrong day: hence some months blacked out.

1925. Nov. & Dec. adjusted for date of reading.
1926, March, April, Aug. & Dec. adjusted by maps.
1929. Jan. & Dec. adjusted to run. Stations.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Kirby M. (Stone & Ears Wham.)

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

Type of Gauge.....

Annual Average 39.7 in. based on 41 years obs. un-weighted. Period of average 1891-1915 Ref. 3

780902/27

Diameter	8.											
Height	0.9.											
Altitude	1118.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals	
January	1.92	3.27	2.19	2.59	1.91	3.26	3.74	5.67	7.93	1.48	33.96	
February	2.82	.72	3.77	.24	4.82	5.86	7.12	1.91	2.87	3.97	34.10	
March	.84	1.22	4.34	3.60	3.40	2.83	5.01	.93	3.44	2.23	27.84	
April	4.06	4.08	1.08	4.09	3.93	2.53	4.80	.25	2.22	2.77	29.81	
May	3.37	(5.18)	3.13	2.23	1.18	2.27	4.03	2.53	1.59	1.42	27.13	
June	5.85	(1.70)	1.28	1.96	3.49	5.20	2.50	3.98	3.17	.43	29.56	
July	5.08	5.12	2.20	.63	.86	5.33	2.53	5.74	4.18	5.32	36.99	
August	4.60	1.65	0.84	2.43	2.00	3.51	1.91	4.41	3.24	.72	25.21	
September	4.89	2.37	2.07	1.89	6.40	3.19	1.50	2.01	1.66	1.84	27.82	
October	1.23	4.67	3.06	3.43	5.52	2.93	3.07	9.35	3.99	4.14	41.39	
November	5.07	1.90	4.69	4.29	9.09	3.79	2.81	(6.19)	3.40	5.44	46.67	
December	1.83	2.49	0.59	7.48	3.29	3.90	5.47	(5.58)	3.29	2.50	36.42	
TOTALS	41.56	34.27	29.24	34.86	45.89	44.80 W	44.49	48.55	40.98 W	32.26 W	396.90	

1932 May = June adjusted by surrounding stations.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No. T.F. 3382RAINFALL at Kirby Mabeard (Stone & Sons Wham) 41County of West Riding Observer K. L. Forder Esq CERiver Basin Ouse - Wye - 12Type of Gauge Annual Average 39.7 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. 780902/27

Diameter	8'			249	829							
Height	0' 9"				1							
Altitude	1118'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means	
January	4.28	3.19	4.84	3.45	4.57	3.24	2.95	8.69	1.49	1.97	38.67	
February	7.83	4.29	2.72	1.49	4.21	2.35	6.50	2.04	2.23	5.98	39.64	
March	5.54	3.02	1.39	.60	1.08	1.91	8.40	2.61	1.26	1.74	27.55	
April	3.13	1.75	1.91	2.71	2.01	1.91	5.27	3.13	3.58	3.02	28.42	
May	2.23	2.69	2.89	.76	4.01	3.74	3.46	1.47	1.45	1.99	24.69	
June	3.6	1.33	3.61	3.11	3.58	2.55	4.57	4.17	.91	1.14	25.22	
July	2.19	4.03	1.41	2.79	2.82	3.27	3.01	1.45	2.07	3.08	26.12	
August	3.42	3.43	4.76	1.91	3.95	7.18	1.47	4.85	3.88	4.95	39.80	
September	3.6	3.19	5.55	6.11	2.71	7.54	2.14	2.16	2.03	3.78	35.57	
October	5.69	3.58	2.46	4.29	4.70	3.12	1.38	.90	4.69	1.88	32.69	
November	5.38	2.03	2.23	8.12	1.29	7.88	2.87	1.39	4.72	6.47	41.38	
December	2.15	3.54	2.24	3.30	2.69	3.56	3.50	3.97	5.85	1.43	32.23	
TOTALS	42.55 W	36.07 W	36.91 W	38.64 W	37.62 W	48.25 W	45.52 W	36.83 W	34.16 W	36.43 W	391.98 W	

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.

3382 22 41

RAINFALL at *S. Kirkby Malwood (Stone & Ears Wham)*

51

County of *West Riding - Yorks.*

Observer

*K. L. Forster Esq. C.E.*River Basin *Duff - M.E. - 12*

Type of Gauge

*M.O.*Annual Average *39.7* in. based on *41* years obs. un-weighted. Period of average *1881-1915* Ref. *S*" " *40.87* " " *22* " " within *1935-57* " " " *1916-50* *E 13350/58*

File No.

78x9/22/27

Diameter ...	<i>8"</i>	<i>5"</i>	<i>0.49</i>	<i>829</i>							
Height ...	<i>0'9"</i>			<i>1</i>			<i>1'0"</i>				
Altitude ...	<i>1118'</i>			<i>51</i>							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<i>2.67</i>	<i>2.66</i>	<i>1.10</i>	<i>4.61</i>	<i>3.03</i>	<i>4.60</i>	<i>3.58</i>	<i>4.37</i>	<i>4.34</i>	<i>4.23</i>	<i>35.79</i>
February ...	<i>3.16</i>	<i>.71</i>	<i>2.71</i>	<i>2.98</i>	<i>2.23</i>	<i>2.60</i>	<i>3.21</i>	<i>5.92</i>	<i>.28</i>	<i>4.45</i>	<i>28.15</i>
March ...	<i>3.67</i>	<i>2.28</i>	<i>.61</i>	<i>2.66</i>	<i>2.14</i>	<i>1.72</i>	<i>2.42</i>	<i>2.76</i>	<i>2.60</i>	<i>3.27</i>	<i>24.13</i>
April ...	<i>2.44</i>	<i>2.11</i>	<i>3.30</i>	<i>.69</i>	<i>1.38</i>	<i>2.36</i>	<i>.32</i>	<i>1.61</i>	<i>4.37</i>	<i>2.03</i>	<i>20.61</i>
May ...	<i>7.19</i>	<i>2.20</i>	<i>2.54</i>	<i>5.40</i>	<i>2.89</i>	<i>1.11</i>	<i>1.60</i>	<i>6.02</i>	<i>1.32</i>	<i>1.96</i>	<i>32.23</i>
June ...	<i>1.84</i>	<i>1.82</i>	<i>4.67</i>	<i>2.24</i>	<i>2.64</i>	<i>3.56</i>	<i>1.28</i>	<i>4.99</i>	<i>1.44</i>	<i>1.24</i>	<i>25.72</i>
July ...	<i>1.92</i>	<i>1.22</i>	<i>3.79</i>	<i>2.53</i>	<i>1.22</i>	<i>5.86</i>	<i>3.53</i>	<i>3.38</i>	<i>1.90</i>	<i>4.95</i>	<i>30.30</i>
August ...	<i>5.30</i>	<i>4.54</i>	<i>3.30</i>	<i>6.79</i>	<i>1.13</i>	<i>7.84</i>	<i>8.32</i>	<i>4.38</i>	<i>.95</i>	<i>3.30</i>	<i>46.35</i>
September ...	<i>2.01</i>	<i>3.19</i>	<i>2.32</i>	<i>3.30</i>	<i>1.83</i>	<i>5.13</i>	<i>5.50</i>	<i>3.95</i>	<i>.29</i>	<i>4.05</i>	<i>31.57</i>
October ...	<i>1.77</i>	<i>4.54</i>	<i>2.89</i>	<i>6.56</i>	<i>2.64</i>	<i>1.60</i>	<i>3.64</i>	<i>4.21</i>	<i>3.31</i>	<i>3.10</i>	<i>39.32</i>
November ...	<i>9.11</i>	<i>3.74</i>	<i>3.91</i>	<i>6.14</i>	<i>3.11</i>	<i>.65</i>	<i>2.87</i>	<i>1.09</i>	<i>5.64</i>	<i>5.34</i>	<i>42.10</i>
December ...	<i>4.09</i>	<i>3.23</i>	<i>2.09</i>	<i>3.33</i>	<i>4.82</i>	<i>3.73</i>	<i>2.60</i>	<i>5.37</i>	<i>8.24</i>	<i>4.95</i>	<i>42.45</i>
TOTALS ...	<i>45.17</i>	<i>32.24</i>	<i>33.23</i>	<i>47.13</i>	<i>29.06</i>	<i>40.82</i>	<i>38.67</i>	<i>48.05</i>	<i>34.68</i>	<i>42.47</i>	<i>398.72</i>
	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	

Inst. II 1953 J.B.O.K. One-inch map all directions, very poor turf-wall. Ground too soft to make proper well. New site rec.

S Turf-wall

Position of Station on Ordnance One-Inch map :

No. of Map *91*National Grid Reference *44/168.751*

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
	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	