

Rainfall at Wakefield Prison.

W. R. Mulnar.

Ms return

Diameter of Gauge, in. Height above Ground, ft. in. Above Mean Sea Level, ft.

YEAR - -					1848	1849	MEANS.
January - -					1.46	1.78	
February - -					2.61	.66	
March - - -					3.16	1.22	
April - - -					2.53	1.71	
May - - -					1.16	1.63	
June - - -					5.67	.97	
July - - -					2.54	2.08	
August - -					3.53	1.03	
September -					3.48	1.14	
October - -					4.47	3.53	
November -					.95	2.45	
December -					2.08	2.74	
TOTALS -					35.64	23.94	

Wakayfield

E-y-57 50

Observer W.R. Milner Esq. F.R.C.S. Authority P.P. returns & Inf.
Gauge 10 in square; 4 ft + ground; 115 ft + s.l.

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --	2.07	1.75	3.10	2.37	2.08	.53	2.74	2.09	.82	.71	
February --	1.26	.67	1.51	1.19	.77	2.35	1.78	.63	.67	1.46	
March --	.28	2.63	.61	1.97	.52	1.13	.59	2.85	1.48	2.49	
April --	1.93	1.23	.13	1.21	.43	.82	2.78	3.51	2.71	3.77	
May --	1.67	1.52	.74	2.35	2.22	1.56	3.44	2.03	1.84	.78	
June --	1.38	3.57	5.07	3.55	3.03	2.44	2.60	4.12	4.61	3.34	
July --	3.67	2.63	3.77	2.26	2.86	3.78	2.42	1.92	1.58	5.56	
August --	1.94	2.07	2.00	1.84	1.56	1.88	6.46	5.14	2.24	3.96	
September -	1.14	2.06	2.77	2.77	.57	.37	4.11	1.37	3.44	3.43	
October --	1.48	1.24	2.71	3.40	1.38	4.89	2.21	1.66	3.30	2.78	
November -	2.40	.41	5.91	2.01	2.46	.85	1.10	1.53	1.04	2.05	
December -	.89	1.23	2.92	.84	2.82	.78	1.75	.42	1.68	2.88	
TOTALS -	20.18	21.01	32.24	25.76	20.68	21.38	31.98	27.26	25.41	33.21	

Date 21/01/31/24

1853 agrees with W.R.M.'s P.P. return

Sheet No 1 made from printed and M.d. returns
sent by W. Milner.

RAINFALL AT Wakefield

50

Rain { By
 Gauge { Diameter in.

Height above Ground, ft. in. Above Mean Sea Level, ft.

YEAR	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January	2.07	1.75	3.11	2.37	2.08	.53	2.74	2.09			
February	1.26	.67	1.51	1.49	.77	2.35	1.70	.63			
March28	2.63	.61	1.97	.32	1.13	.59	2.85			
April	1.93	1.23	.13	1.21	.44	.92	2.70	3.51			
May	1.67	1.52	.74	2.36	2.20	1.56	3.44	2.03			
June	1.38	3.57	5.07	3.55	3.03	2.44	2.60	4.12			
July	3.67	2.63	3.77	2.26	2.86	3.78	2.42	1.92			
August	1.94	2.07	2.00	1.84	1.56	1.88	6.47	5.14			
September ...	1.24	2.06	2.77	2.77	.57	.37	4.10	1.37			
October	1.48	1.24	2.71	3.40	1.38	4.89	2.21	1.65			
November ...	2.40	.41	5.90	2.01	2.46	.05	1.10	1.53			
December.....	.89	1.23	2.92	.83	2.82	.78	1.75	.42			
TOTALS.....	20.11	21.01	31.24	25.76	20.49	21.48	31.98	27.26	25.41	33.21	25.795

Sheet No 2 made from a return sent by Mr. Milner
 and stated by him to be correct when the discrepancies
 in Sheet No 1 were pointed out to him

RAINFALL AT Wakefield Prison

York

Observer. W. R. Milner Esq.

Rain { By.....

Gauge}.....

Diameter. 10 □ in.

Height above Ground, 4 ft. — in.

Above Mean Sea Level. 115 ft.

YEAR.....	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January.....	2.05	1.75	3.10	2.37	2.08	.52	2.74	2.09	.82	.71	
February	1.26	.66	1.51	1.27	.77	2.35	1.78	.63	.66	1.46	
March	2.82	.63	.61	1.97	.52	1.13	.58	2.84	1.48	2.48	
April	1.93	1.23	.13	1.21	.43	.82	2.77	3.50	2.71	3.76	
May	1.67	1.41	.95	2.35	2.20	1.55	3.43	2.03	1.84	.78	
June.....	1.38	3.56	5.06	3.54	3.02	2.43	2.60	4.11	4.60	3.34	
July	3.67	2.63	3.77	2.25	2.85	3.78	2.42	1.91	1.57	5.55	
August.....	1.94	2.07	1.99	1.84	1.56	1.88	6.46	5.13	2.23	3.95	
September.....	1.13	2.06	3.77	2.77	.57	.36	4.10	1.37	3.43	3.13	
October.....	1.47	1.24	2.70	3.39	1.38	4.88	2.21	1.65	3.29	2.77	
November.....	2.40	1.40	5.90	2.00	2.46	.85	1.09	1.53	1.04	2.05	
December.....	.89	1.20	2.92	8.32	8.82	.77	1.74	.41	1.68	2.87	
TOTALS.....	20.07	20.87	32.31	25.79	20.66	21.32	31.92	27.20	25.85	33.15	25.864

Sheet No 3 made from a return sent by Dr. Clarke
successor to W. Milner and stated by him to be a correct
copy from the Registers preserved in the Prison. The pocket
books in which the observations were entered as made
have been destroyed.

W. R. Milnor Esq.

10 m □ + ground 4 ft. + Sea level 115 feet

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.50	.23	1.30	4.46	.72	1.37	2.02	2.10			
February - -	.90	3.90	.56	.71	1.71	1.43	2.66	1.65			
March - - -	2.06	3.56	3.87	.86	2.23	.56	.77	2.21			
April - - -	.72	1.63	1.39	.86	1.80	.85	1.03	3.89			
May - - -	2.98	.70	4.01	.94	2.71	2.31	.78	2.40			
June - - -	4.81	2.02	1.97	2.95	1.57	1.31	2.88	1.88			
July - - -	3.54	2.51	2.56	1.63	.65	2.60	4.63	3.07			
August - -	4.09	.78	1.88	3.08	1.57	3.04	3.79	3.30			
September - -	2.26	2.53	2.83	3.02	1.58	.15	5.04	1.96			
October - -	1.65	.87	4.27	3.57	3.30	5.20	2.38	1.38			
November - -	3.28	2.55	.63	1.93	2.77	2.02	4.22	1.22			
December - -	3.69	1.04	1.57	1.51	1.98	.87	2.54	2.14			
TOTALS - -	33.48	22.30	26.84	25.52	22.59	21.71	32.74	27.20			

1863 June 10th 1.31 July 21st 1.24

1860 Agrees with ppt by S. Marshall, and with ppt by W.R. on

RAINFALL AT Wakefield West Riding Prison

Lat.

Lon.

County of Yorks W.R.

Rain Gauge, by

Observer Dr H Clarke

Diameter								8	.	.	
Height								1 . -	.	.	
Altitude								-	96	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								3.49	2.34	1.30	
February								1.80	.87	2.50	
March								3.21	.74	1.09	
April								3.23	1.92	2.78	
May								2.47	4.32	2.00	
June								1.75	2.98	3.79	
July								2.92	.74	3.17	
August								4.06	5.64	3.19	
September								2.61	2.55	1.31	
October								2.93	2.20	1.02	
November								2.17	2.29	1.33	
December								2.37	1.29	1.56	
TOTALS								33.01	27.88	25.04	

1879 Wall 13ft high 82ft N.E.

All saints church $1\frac{1}{4}$ miles E.

RAINFALL AT Wakefield Prison

Lat.

Lon.

County of York**80**

Rain Gauge, by

Observer D.H. ClarkeAire Aire & Calder 8

Diameter	8										
Height	1.0										
Altitude	967										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS,
January23	.33	2.97	3.78	3.66	1.27	4.07	1.42	.51	1.22	1.946
February	1.78	3.82	1.94	2.16	2.22	2.11	.59	.49	1.34	1.68	1.813
March	2.51	3.68	1.85	1.02	1.45	1.43	2.51	1.37	3.57	3.16	2.255
April	1.96	1.27	3.5	3.34	1.60	2.01	2.01	.72	2.25	3.18	2.195
May	2.59	.74	.79	1.16	1.42	1.86	6.00	2.39	.45	3.98	2.137
June	3.31	1.53	3.98	3.57	.97	2.53	.73	.20	2.42	.46	1.970
July	7.19	2.41	2.94	4.10	2.90	.79	6.05	.99	4.54	1.51	3.342
August	1.57	3.87	1.03	1.53	1.02	1.07	1.70	1.24	2.08	3.56	1.927
September	4.80	2.94	1.9	4.83	.91	2.12	1.41	2.78	.97	1.07	2.379
October	5.75	3.26	+0	3.31	1.29	4.86	3.85	2.68	1.06	3.53	3.406
November	1.96	2.73	3.65	2.00	.98	2.10	1.52	1.77	5.92	.75	2.338
December	3.57	2.74	3.49	1.17	2.37	.72	4.17	1.30	1.87	1.73	2.313
TOTALS	37.22	29.82	33.30	31.97	20.79	22.86	34.61	17.33	26.98	25.83	28.021

Annual average rejected from survey.

RAINFALL AT Wakefield Prison

Lat.

Long.

County of

York W.R.

Rain Gauge, by

Observer

Dr H Clarke
Mac Clyde

One Aire Valley 8

Diameter	8									5
Height	1	0								
Altitude	96	M								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
	MEANS.									
January	2.57	1.12	1.60	.82	1.52	3.77	.45	2.59	.41	3.13
February	1.00	.05	2.14	2.81	3.87	.28	.90	2.65	1.18	1.13
March	1.55	1.42	1.23	.57	1.26	1.86	3.13	2.24	.71	.92
April65	1.98	1.05	.71	2.60	1.49	1.19	1.67	3.12	2.10
May	2.80	2.84	2.94	2.02	.95	.90	.20	.97	2.09	2.96
June	2.71	1.94	4.35	1.73	2.16	2.48	3.36	4.00	1.42	1.55
July	1.93	3.05	1.95	3.01	3.91	6.31	.93	.45	1.00	1.56
August	3.41	4.06	2.42	1.84	3.42	1.24	3.10	2.15	3.42	1.41
September	1.46	1.47	1.05	1.87	.47	.60	4.53	2.37	.37	3.73
October65	3.25	5.93	1.97	3.95	3.29	3.94	1.35	3.34	2.42
November	2.71	2.58	1.03	1.68	.96	2.75	1.08	2.25	2.39	.90
December77	4.63	.68	3.01	1.34	2.81	2.25	2.26	2.06	2.59
TOTALS	22.21	28.39	26.37	21.54	26.41	27.78	25.06	24.95	21.51	24.40
										24.862

1890 Cathedral 1/4 Mile NE 1890-

Prison Wall 14ft high 70ft E

1898 November 1st 5" gauge substituted for old 8" gauge

Annual Average rejected from Survey.

RAINFALL AT Wakefield Prison

Lat. Lon. County of York W.R. Central
 Rain Gauge, by Observer Mr. A. Hyde
 Ainsworth 8 Royal Met. Soc. of a French Eq. Md.

Ainsworth 8

Diameter ..	5										
Height ..	10										
Altitude ..	96 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.79	1.33	1.33	1.76	2.10	.61	2.99	.75	1.12	1.02	1.580
February ..	4.07	1.65	1.54	1.81	3.69	.71	1.86	.86	1.19	.49	1.787
March ..	.66	1.76	.82	3.09	1.99	1.99	1.54	1.47	2.86	2.96	1.914
April ..	.65	1.61	2.18	1.18	1.47	1.87	.73	1.42	2.24	2.15	1.550
May ..	1.09	1.32	2.70	3.26	2.38	.56	1.49	2.99	2.23	1.96	1.998
June ..	2.54	.74	1.21	1.62	1.13	2.27	2.20	2.27	1.11	4.20	1.920
July ..	3.76	2.85	1.99	2.28	2.10	1.39	1.37	2.41	2.58	2.90	2.363
August ..	5.72	1.01	2.95	2.82	3.61	4.22	1.92	1.53	1.86	2.31	2.795
September ..	.30	.85	.97	2.88	.60	1.37	.60	.52	2.35	1.93	1.237
October ..	3.02	1.20	2.71	7.17	.33	1.73	4.42	5.40	.94	1.74	2.866
November ..	2.39	3.53	1.72	1.36	1.34	3.05	3.04	2.68	.82	.32	2.025
December ..	2.73	4.15	1.68	1.19	1.51	.28	3.01	1.83	1.02	4.82	2.222
TOTALS ..	29.72	22.00	21.80	30.42	22.25	20.05	25.17	24.13	20.32	26.80	24.266

600 yards S.E.

Wakefield Church 1/2 Mile S.E.

Westgate Station 200 yards E S.E.

1906 St. John's Church 800 yards N

Westgate Station 300 N.E.

Met Screen 59 ft. 6 in. E 12 ft. N

June 6 Gauge moved 4 ft. E 3 ft. N

1907 Gauge moved 3 ft. E

H.W.

Annual Average rejected from survey.

RAINFALL at Wakefield Prison

County of W.R. Yorkshire

Observer Mr W.C. Rollen

River Basin One-Ari-Calder 8

Rain Gauge, by

1911 from M.O.3 last year sheets.

Annual average rejected from survey