

RAINFALL AT Pately Bridge Castle Head

Lat..... 54° 5' N Lon..... 1° 46' W County of..... Yorksshire N.W.
 Rain Gauge, by..... Observer E. H. A. C. Young
 Place.....

Diameter5												
Height	1.3	2.6											
Altitude	710												
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.		
January.....	1.24	6.84	4.77	3.41	7.12	1.54	7.16	4.98	1.57	4.263			
February.....	1.33	5.72	4.31	2.00	1.87	1.85	5.25	3.57	2.03	4.51	3.244		
March.....	2.85	2.42	3.76	3.61	4.05	4.99	5.73	4.10	1.86	2.95	3.232		
April.....	1.14	4.80	4.92	6.0	1.70	1.59	2.73	4.25	3.12	3.04	2.789		
May.....	1.74	1.03	2.48	2.03	1.79	2.06	8.2	3.37	5.95	1.52	2.281		
June.....	1.49	4.29	5.98	1.51	7.2	3.27	2.71	1.84	3.60	5.16	3.052		
July.....	1.77	4.65	3.88	3.96	1.83	3.39	2.28	3.73	6.2	5.06	3.017		
August.....	1.73	1.80	3.86	3.55	5.23	2.20	2.82	6.01	7.67	5.02	3.989		
September.....	1.36	6.35	6.15	2.06	3.46	4.17	4.51	4.18	3.29	2.48	3.851		
October.....	9.82	3.77	5.31	3.92	4.26	5.56	2.99	5.81	3.92	1.44	4.680		
November.....	3.29	1.27	7.09	3.30	3.48	5.98	4.24	6.44	5.35	2.14	4.258		
December.....	4.34	2.44	6.70	1.39	5.29	2.43	9.85	3.91	2.36	2.75	4.146		
TOTALS.....	33.8	39.78	61.23	33.22	37.09	40.61	45.47	54.37	44.75	37.64	42.201		

C C C

1877 Hedge 6ft high 18ft distant from gauge Wall 12ft high
 52ft distant

Jan 1870 estimated from Greenwich Rec & Fog close

RAINFALL AT Pateley Bridge (Castle Street)

80

Lat.

Long.

County of York, N.R.

Rain Gauge, by

Observer, M.A.C. Young

Ouse - Nidd 11.

Diameter	5										
Height	1.0										
Altitude	410 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	.32	1.65	5.71	6.66	7.58	3.33	6.72	3.00	1.52	1.31	3.680
February	3.88	5.72	2.91	3.54	3.31	3.92	.90	1.73	2.24	2.53	3.068
March	3.07	5.47	3.82	1.83	3.07	3.11	4.70	2.09	5.45	3.30	3.591
April	2.54	1.00	5.63	3.38	2.53	2.65	3.33	1.31	3.32	4.56	3.115
May	2.36	2.70	1.47	1.69	2.35	3.62	5.30	2.33	.99	2.64	2.545
June	3.88	2.53	4.16	3.85	6.67	2.87	1.00	.16	2.47	.30	2.189
July	6.06	5.25	4.04	3.85	6.69	1.12	3.81	1.64	5.66	2.66	4.168
August	1.93	5.69	2.52	2.56	1.37	1.83	2.82	2.82	3.24	5.29	3.007
September	5.42	3.24	2.56	6.14	2.31	4.53	2.34	4.78	.83	1.16	3.331
October	8.16	5.20	4.95	5.56	2.37	6.19	5.54	3.79	.89	6.62	4.927
November	4.54	5.60	6.50	4.88	1.67	2.89	3.78	3.84	8.66	1.21	4.367
December	5.21	5.50	6.26	2.49	6.00	1.44	5.74	2.75	2.68	1.87	3.994
TOTALS	47.37	49.45	51.53	46.43	39.92	37.50	45.98	30.24	37.95	33.45	41.982

Pateley Bridge Church 1 mile NW.

Wall 12 ft high 40 ft W.

RAINFALL AT Pateley Bridge Castlestead

Lat.

Long.

County of

York W.R.

Rain Gauge, by

Observed by Wm Alexander C Young
McMay

Dose - Nibbed 11 New

Diameter	5									
Height	1 0									
Altitude	410									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
	MEANS.									
January	6.96	2.84	3.06	1.54	6.54	6.94	1.92	2.68	2.95	7.29
February	1.33	.21	3.77	6.73	8.80	.95	1.04	3.92	3.29	2.54
March	3.17	2.65	1.36	1.27	5.16	3.46	5.61	7.42	2.40	1.92
April	1.73	3.27	2.98	.64	2.88	2.91	2.11	2.90	3.10	3.50
May	2.61	3.07	4.01	2.25	2.29	.40	.64	1.20	2.91	3.99
June	3.04	1.10	4.60	2.20	2.84	2.34	4.26	3.38	2.71	1.21
July	2.46	3.96	2.13	3.70	3.03	5.37	2.66	2.45	.98	3.30
August	5.17	5.61	5.17	3.20	3.02	2.88	1.35	4.43	3.81	1.23
September	2.38	2.39	2.07	2.08	.50	1.72	6.92	3.48	.95	5.48
October	1.51	4.90	9.17	3.24	6.08	4.97	5.20	2.01	6.26	3.54
November	4.45	4.89	2.48	2.65	2.85	4.63	2.14	2.66	3.45	2.68
December	1.43	7.32	1.39	4.72	4.09	4.72	5.62	4.79	5.03	4.15
TOTALS	36.21	42.21	42.19	34.22	48.08	41.29	39.47	41.32	37.84	40.83
	(10.360)									

1890 Jan - Mar - old gauge

RAINFALL AT Pateley Bridge Castle HeadLat.Lon.County of York W.R.Rain Gauge, byObserverG. Metcalfe Esq.Oruse Nidd 11

Diameter	5										
Height	1 0										
Altitude	410										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.96	2.84									
February	1.33	.21									
March	3.17	2.65									
April	1.74	3.27									
May	2.59	3.07									
June	3.03	1.10									
July	2.46	3.96									
August	5.10	5.61									
September	2.33	2.39									
October	1.49	4.90									
November	4.42	4.89									
December	1.46	7.32									
TOTALS	36.08	42.24									

1891 Assumed to be the reading of the new gauge

RAINFALL AT Pately Bridge Castle Head

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

H. C. May

Wind - 11.

Diameter ..	5										
Height ..	10										
Altitude ..	410										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.88	2.57	2.24	4.36	3.40	1.56	6.57	2.36	3.51	2.40	34.85
February ..	6.70	.89	1.62	4.30	5.16	2.05	3.07	2.94	3.51	1.49	31.73
March ..	1.20	4.56	1.76	6.03	2.57	4.75	3.01	3.33	5.52	4.60	37.33
April ..	2.25	2.94	1.86	1.56	2.36	2.37	.62	2.26	2.98	3.64	33.84
May ..	2.02	1.42	2.55	4.44	3.26	.87	3.23	4.18	2.82	2.02	26.81
June ..	3.38	1.48	1.69	1.86	2.65	1.45	1.10	6.37	1.00	2.56	23.54
July ..	2.04	1.96	1.89	3.08	1.72	.76	1.01	1.77	3.12	4.56	21.91
August ..	5.92	1.86	2.19	3.84	3.73	4.72	3.37	2.11	3.41	2.97	34.12
September ..	1.27	1.05	1.52	4.97	1.21	3.29	.74	.75	3.64	2.15	20.59
October ..	5.93	2.05	3.29	9.07	1.40	2.35	6.59	6.56	2.24	3.80	42.78
November ..	5.11	4.98	2.79	1.79	3.29	5.80	4.52	4.05	2.44	2.81	37.11
December ..	4.79	5.98	4.08	2.70	2.90	2.14	3.06	6.15	1.98	5.84	39.62
TOTALS ..	46.49	31.74	27.48	(48.00)	34.65	32.14	36.89	42.83	36.17	37.84	3742.3

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1906 Pately Bridge Station 1 mile E

Church 1 " 15

Hedge 7 ft high 15 yards 15

* 1903 Est^d from annual map months converted from Smarden & Ramsay
26.V.11

RAINFALL at Pateley Bridge Castle, Tead

County of W.R. Yorkshire Observer Mr C May
 River Basin Ure - Nidd II
 Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	410										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.02	2.35	5.97	6.21	2.87	(7.28)					
February ...	4.80	4.83	3.01	2.34	3.61	(5.70)					
March56	3.14	5.49	6.96	3.89	(1.28)					
April	3.57	1.63	.91	4.16	1.36	(1.85)					
May	2.29	1.84	3.12	2.72	2.41	(1.25)					
June	2.34	2.68	6.51	1.83	3.09	(1.26)					
July	2.63	.60	5.06	.84	2.65	(3.49)					
August	4.92	2.70	6.47	1.72	2.22	(1.93)					
September ..	.25	2.75	1.92	2.03	1.91	(1.16)					
October ...	3.79	4.09	4.80	2.63	2.68	(1.16)					
November ...	4.75	5.55	3.07	4.19	6.75	(2.05)					
December ...	4.86	7.07	5.10	2.93	10.09	(7.21)					
TOTALS ...	41.78	39.23	50.93	38.56	43.53	(33.62)					

1915 computed from Ransdale
 Rydal House

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Pateley Bridge	1.2m	W			