

Corncliffe

Lat: 54.40 N.

Coy 50  
157

Rev<sup>d</sup> W<sup>m</sup> Boyd

Mss. Rec. No. 15

Diam: 8 in; + ground  $\frac{ft}{in}$ ; + Sea Level 750 ft

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -				4.51	2.19	1.74	3.78	4.96	3.75	6.24	
February - -				1.42	3.04		5.31	3.22	.37	4.92	
March - - -				1.50	2.91	3.44	.01	3.84	1.43	8.46	
April - - -				2.12	.60	1.79	3.47	2.77	2.79	4.05	
May - - -				.00	3.26	1.02	4.29	1.63	4.01	.26	
June - - -				3.90	4.65	3.07	3.62	4.37	1.79	3.24	
July - - -				4.68	1.80	2.75	2.37	3.09	1.49	2.33	
August - -				2.12	1.96	4.24	0.17	3.22	3.17	3.56	
September -				3.46	4.80	.44	5.93	2.61	5.47	7.62	
October - -				4.36	3.66	10.05	1.31	2.34	5.63	7.01	
November -				2.24	5.13	2.23	.55	2.77	2.09	4.10	
December -				1.01	9.93	2.48	6.93	1.81	2.50	4.57	
TOTALS -				31.32	44.01	34.05	45.74	36.63	34.49	55.96	

C C C C C C C

X 1858 - This is the first barometer reading on Mr. Boyd since 1856, and  
the last for the year.

Duncliffe

Wm Boyd Revd

W Yorkshire

Diam or in + ground ft as Mps Rec'd No 15  
 Flashing + See Level 750 ft

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --	6.29	2.16	4.08	10.32	4.18	6.00	10.11	7.35	8.03	7.89	6.721 +
February -	2.54	5.28	2.34	4.36	3.89	3.64	9.15	7.56	4.82	9.08	5.266
March - -	4.94	8.93	5.67	2.53	3.90	2.90	3.60	3.46	8.19	2.17	4.629
April - - -	3.05	1.79	6.47	4.22	2.24	1.50	2.01	7.79	3.83	3.95	3.585
May - - - -	3.28	.88	4.39	4.02	1.78	5.72	1.92	2.42	2.63	4.11	3.115 -
June - - - -	6.66	2.60	5.01	5.07	4.64	6.60	3.46	2.18	1.40	1.96	3.358
July - - - -	1.89	6.02	5.23	1.51	1.42	2.79	5.24	5.08	.81	1.59	3.208
August - - -	8.73	6.63	5.95	4.84	2.61	6.87	5.33	3.65	6.52	2.48	5.361
September -	2.46	7.88	2.12	8.97	6.70	1.63	11.19	5.27	4.28	11.64	6.214
October - -	7.67	2.78	12.50	6.92	3.19	6.92	4.46	4.99	7.53	3.31	6.027
November -	4.33	11.39	3.06	7.70	5.63	6.60	9.45	1.99	6.42	8.71	6.528
December -	3.09	4.60	6.43	5.97	5.10	2.09	10.05	2.94	12.24	8.12	6.063
TOTALS -	54.93	59.94	64.05	66.43	45.78	47.26	75.97	54.68	66.70	65.01	60.075

✓ C C C C + C C C C

1863 Rainfall not exceeded in last 10 years

Gauge in kitchen garden

## RAINFALL AT Arncliffe

Lat.....

Lon..... County of..... Yorkshire W.R.

..... Rain Gauge, by..... Observer Rev. W. Boyd.....

Diameter .....	8										
Height .....	2.9	3	2.9			2.6					
Altitude .....	750			750 <sup>m</sup>							
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	6.24	2.65	9.18	8.90	8.20	10.78	2.83	11.17	7.96	1.34	6.925
February .....	5.10	6.64	7.91	1.27	3.12	1.92	8.47	6.56	2.21	3.21	4.641
March .....	3.06	4.67	6.39	3.85	6.61	2.25	8.10	4.80	3.85	4.02	4.760
April .....	2.46	3.95	4.44	6.9	2.95	3.01	3.49	4.33	2.74	2.52	3.058
May .....	2.48	2.03	3.94	2.55	2.52	4.45	1.02	3.73	6.47	2.03	3.122
June.....	3.52	2.77	6.05	2.53	1.53	4.65	3.46	3.47	3.77	6.44	3.819
July .....	-59	9.22	3.42	5.47	3.92	4.91	3.88	7.71	2.25	8.14	4.951
August .....	2.24	2.86	4.58	6.68	9.52	3.56	5.10	7.11	7.19	9.12	5.796
September.....	2.90	6.04	9.59	4.49	7.19	5.23	5.60	4.24	6.63	3.90	5.581
October.....	7.38	5.13	7.28	9.10	8.47	5.14	3.91	9.15	6.76	4.31	7.263
November.....	3.94	2.13	10.21	4.66	5.13	7.66	4.81	10.63	5.69	2.66	5.752
December.....	4.23	4.64	6.01	3.57	5.71	4.79	10.53	6.59	3.03	3.68	5.278
TOTALS .....	50.14	52.73	79.00	53.76	64.87	58.35	61.20	79.49	58.55	51.37	60.946

## RAINFALL AT Arncliffe

80

Lat.....

Lon.....

County of York, N.Y.

Rain Gauge, by.....

Observer.....

Rev Canon Boyd.

ouse. Wharfe 10.

Diameter ....	8										
Height .....	1.6			2.9							
Altitude .....	750T				734T						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.61	.92	6.88	9.46	11.57	5.11	9.57	5.86	3.28	3.25	5.645
February .....	6.33	7.29	4.55	6.46	4.89	6.72	1.12	2.87	2.10	4.55	4.688
March .....	4.22	7.37	7.49	2.40	4.07	4.91	7.04	3.17	4.63	5.70	5.100
April .....	3.12	2.17	6.63	3.11	2.76	2.36	4.70	2.38	3.25	3.84	3.432
May .....	3.17	5.69	3.44	1.61	4.53	3.89	6.33	2.47	2.93	2.95	3.721
June .....	6.80	4.77	6.64	4.30	6.61	3.25	2.40	2.22	3.89	.72	3.360
July .....	7.26	7.87	9.04	5.61	7.75	1.45	5.03	2.27	5.51	3.97	5.636
August .....	2.89	7.11	4.27	4.38	1.93	3.39	3.35	3.03	5.76	7.21	4.332
September....	6.25	2.81	3.06	6.72	2.64	7.45	5.84	7.61	1.90	2.69	4.757
October.....	5.66	5.81	6.13	8.65	4.73	7.47	8.27	2.57	2.45	8.59	6.033
November....	9.78	10.75	9.87	7.32	3.23	3.39	5.14	4.58	11.05	2.39	6.750
December....	8.96	8.01	8.01	5.51	10.11	3.41	9.06	5.33	5.94	3.74	6.808
TOTALS .....	65.05	70.77	77.21	65.53	58.82	52.80	67.79	42.36	52.69	49.60	60.262

1880. Arncliffe

60 yards

N.E.

Trees 40ft- high 70ft- W

Wall 8ft . 21ft- S.

# RAINFALL AT Arncliffe

Lat.

Lon.

County of

York W.R.

Ouse - Wharfe  
Diameter 10

Rain Gauge, by

Observer Ven Archdeacon Boyd  
Rev. W. A. Shuffery

Diameter .....	8												
Height .....	29	3.0											
Altitude .....	734 T												
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.		
January .....	10.65	5.05	4.90	2.50	9.70	4.51	4.44	2.40	7.66	12.40	6.421		
February .....	1.15	.81	4.61	10.24	10.40	1.11	2.03	5.81	8.32	4.53	4.901		
March .....	5.16	3.51	1.00	2.63	7.45	4.93	9.87	9.89	4.35	3.49	5.228		
April .....	2.38	2.64	2.84	.61	2.55	3.41	3.37	4.11	6.44	6.35	3.470		
May .....	3.43	3.41	6.72	3.13	2.91	.86	.74	3.31	3.49	4.46	3.246		
June .....	6.47	2.18	4.83	2.87	3.81	2.38	4.07	5.38	4.95	1.81	3.875		
July .....	5.16	5.91	2.72	5.14	4.47	7.88	3.97	2.74	1.83	3.42	4.324		
August .....	7.12	9.18	7.89	5.19	5.33	5.28	2.72	8.78	8.57	1.40	6.146		
September .....	4.04	4.62	5.89	4.98	.54	3.00	8.89	6.42	3.03	8.95	5.036		
October .....	4.45	7.56	9.86	6.13	7.99	5.94	6.08	2.97	7.59	5.16	6.373		
November .....	9.71	6.02	4.41	4.60	5.82	7.48	2.16	5.78	3.62	5.53	5.513		
December .....	1.05	10.79	3.22	6.94	7.90	6.93	9.66	11.00	8.92	4.91	7.132		
TOTALS .....	60.77	61.68	58.89	54.96	68.87	53.71	58.00	68.59	68.77	62.41	61.665		

1890 Arncliffe Church 50 yard

Trees 30 or 40 ft high 60 ft

N

1860-

S + W

The ratio between the records for Arncliffe & Malham Tarn from 1887 to 1890 is abnormal, but correspondence with Canon Boyd, W. Morrison Esq & W. Coulthard failed to suggest any probability of error in the observations.

# RAINFALL AT Arncliffe Vicarage

Lat. .... Lon. .... County of York w.

Rain Gauge, by Observer Rev W. A. Shurffley

Wharfe - 10.

Diameter ..	8										
Height ....	2	6		3.0		2.6					
Altitude ..	734	T									
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	8.30	5.45	5.01	9.81	7.62	3.35	9.96	3.46	6.59	4.82	6.437
February ..	7.13	2.49	1.74	9.15	5.18	4.53	5.69	5.58	6.07	4.90	5.246
March .....	.88	5.63	2.91	10.69	4.65	5.70	6.37	7.25	6.34	4.22	5.464
April .....	5.38	4.67	2.41	3.26	7.68	6.47	2.17	3.64	4.34	5.51	4.553
May .....	2.70	1.92	2.70	3.48	4.53	.98	7.08	5.41	4.53	3.53	3.686
June .....	4.74	2.36	1.65	2.34	2.20	2.42	2.88	7.72	2.44	3.95	3.270
July .....	2.44	1.96	4.68	5.04	2.40	1.66	2.91	3.15	6.45	9.01	3.970
August .....	7.89	7.00	2.96	8.63	5.76	5.36	5.10	5.37	5.59	5.92	5.958
September ..	2.41	2.61	2.59	6.44	1.75	4.59	1.84	1.07	8.09	4.43	3.582
October .....	10.20	4.07	5.50	14.77	2.92	4.44	10.63	7.02	4.16	9.86	7.357
November ..	6.91	9.30	3.97	3.35	7.04	7.39	7.70	4.64	6.07	3.95	6.032
December ..	8.77	9.49	6.56	4.96	4.58	4.36	5.12	8.99	5.38	9.93	6.814
TOTALS ..	67.75	56.95	42.68	81.92	56.31	51.25	67.45	63.30	66.05	70.03	52.369

1905 Arncliffe Church 100 yards N  
Farsley Station 7 miles E  
Wall 3 ft high 6 yards NE

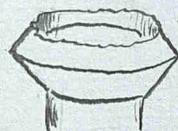
## RAINFALL at Anncliffe Vicarage

County of W.R. Yorkshire Observer Canon Rev. H. A. Shurpey

River Basin Ouse - Wharfe 10

Iron Glaisher Rain Gauge, by

Diameter ...	8										
Height .....	2.6										
Altitude ...	7007										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	11.27	4.15	5.37								
February ...	10.61	11.87	3.82								
March .....	2.29	5.11	11.63								
April .....	4.18	4.63	1.81								
May .....	3.25	3.90	3.81								
June .....	3.00	4.84	8.98								
July .....	5.09	1.07	6.13								
August .....	8.39	4.22	6.13	#							
September ..	.46	4.96									
October ...	6.32	6.57									
November ..	6.52	9.67									
December ...	7.95	11.76									
TOTALS ...	69.33	72.75									

Avg. (60.00) in est<sup>2</sup> (Borough 1919)

Inspected 13.IX.12 NRM { Oldg. Wreck of an old iron Glaisher, the brass rim gone more than 20 yrs ago, and the iron corroded so that diameter is from 8.2 - 8.3 in. Also holes in edge through which rain could enter. G. must register 10% too much.

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

## RAINFALL at

Arncliffe Vicarage

County of W.R. Yorkshire

Observer Rev Canon W.A. Shurffrey

River Basin Cleave Wharf 10

Rev J.M.B. Chapman 1916

Rain Gauge, by

Diameter ...			5								
Height .....			1.0								
Altitude ...			732								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	(9.25)	(3.42)	(5.37)	8.53	5.68	9.72	7.54	5.36	8.40		
February ...	(8.70)	(9.78)	(3.82)	4.08	6.94	10.07	7.60	1.27	6.75		
March .....	(1.68)	(4.21)	(11.63)	10.43	7.70	1.48	4.45	2.69			
April .....	(3.43)	(3.82)	(3.20)	7.76	2.03	3.45	3.82	3.41			
May .....	(2.67)	(3.22)	(3.61)	2.72	2.93	1.51	2.99	1.94			
June.....	(2.47)	(3.99)	(8.98)	2.69	2.90	.84	3.27	3.36			
July .....	(4.13)	(.88)	5.74	.90	3.73	5.73	4.95	2.10			
August.....	(6.90)	(3.48)	5.80	2.06	3.03	4.02	5.01	9.49			
September ..	(.48)	(4.09)	2.85	2.07	3.08	.93	4.16	6.06			
October ...	(5.20)	(5.42)	5.52	2.22	3.07	1.34	13.48	7.12			
November...	(5.35)	(7.97)	5.98	8.77	10.30	3.83	6.38	8.00			
December...	(6.54)	(9.72)	7.84	4.56	10.42	9.89	4.09	4.82			
TOTALS ...	(57.00)	(60.00)	(66.93)	56.79	61.81	52.81	67.77	55.62	(70.00) NR		

1912 Jan-June Reduced from old gauge by ratio of respective total of July & Aug  
1912 and appears too small C.S. suggest 69.15.

1910 + 1911 reduced from old gauge

1918 roughed VIII/19

+ Inspected

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