

Rainfall at Seaham Hall

Robt Draper

Diameter of Gauge, ...5... in.Height above Ground, ...1. ft. .... in.Above Mean Sea Level, 100 ft.

80 69

YEAR - -	1862	1863	1864	1865	1866	1867	1868	1869	MEANS,
January - -		2.82	1.04	1.46	1.46	3.65	1.90	1.75	
February - -		1.41	2.08	1.82	1.58	1.70	1.63	1.10	
March - - -	#3.37	1.81	2.56	1.24	2.95	2.13	1.14	1.74	
April - - -	1.13	1.79	2.11	1.20	2.12	1.50	2.05	1.27	
May - - -	2.48	1.58	2.09	3.99	1.94	2.51	1.38	3.18	
June - - -	3.13	4.59	1.79	1.84	2.36	1.77	1.66	1.45	
July - - -	1.77	1.26	1.54	2.06	4.13	2.99	1.57	1.78	
August - -	3.85	2.49	1.71	3.18	3.15	2.90	1.70	1.30	
September -	1.04	1.92	1.05	1.29	4.27	1.68	4.44	3.44	
October - -	1.79	3.48	4.36	5.92	1.81	1.18	1.80	2.38	
November -	1.71	2.75	1.72	2.37	1.91	1.76	2.20	3.70	
December -	1.44	2.25	2.69	1.70	1.64	1.77	4.09	2.13	
TOTALS -		26.15	22.74	26.07	28.32	23.62	22.56	24.22	

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## RAINFALL AT Seaham Hall Gardens

Lat..... Long..... County of..... Durham  
 Rain Gauge, by..... Observer Mr. H. Gaskell.....

Diameter	5	5	5	5	5	5	5	5	5	5	MEANS.
Height	1										
Altitude	80					110 <sup>ft</sup>	100				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	
January	1.13	2.27	2.10	1.92	1.65	2.47	1.66	2.82	1.79	1.07	
February	1.22	2.01	2.31	1.79	1.92	2.84	1.90	1.69	1.11	3.12	
March	1.14	1.46	3.08	1.61	1.33	1.64	2.00	2.66	1.06	.75	
April	1.55	2.59	2.14	1.50	1.29	1.81	3.23	4.70	2.56	2.10	
May	1.23	1.49	1.90	2.69	2.90	1.87	1.46	2.40	3.07	1.30	
June	1.28	2.69	2.63	1.29	1.67	1.17	1.83	1.92	1.80	4.16	
July	1.42	3.9	3.4	1.03	2.74	1.51	4.72	2.72	2.17	2.1	3.22
August	2.25	1.76	3.84			2.40	3.31	2.07	5.93	5.49	2.60
September	1.61	4.97	4.95			3.17	1.67	3.76	2.19	1.85	1.19
October	1.48	1.59	5.02	(100)	2.41	3.57	1.62	2.69	1.91	.90	
November	3.53	2.34	4.05			2.47	6.11	2.94	1.75	5.07	1.74
December	4.09	1.56	4.15			4.19	1.58	5.76	1.71	4.06	1.46
TOTALS	21.63	26.66	39.10	19.51	24.91	28.76	28.95	32.63	29.98	23.61	21.871

1873 August-December observations lost estimated  
 from Seaham Vicarage  
 1877 True 36ft high 60ft from gauge & wall 60ft distant  
 79 " 45 " " 60 " " N.

St Mary's church  $\frac{1}{4}$  mile E.

RAINFALL AT Seaham Hall

Lat. ....

Lon. .... County of Durham

Rain Gauge, by ....

Observer W. R. DraperTrees

Diameter .....	5										
Height .....	1.0										
Altitude .....	100 ft										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.54	.95	.72	1.45	3.58	1.77	2.65	1.98	.97	1.49	1.610
February .....	1.76	2.89	.62	1.91	1.23	1.21	.82	.56	1.28	1.37	1.365
March .....	1.74	4.51	.95	2.38	2.77	1.67	2.84	2.59	5.44	2.92	2.781
April .....	2.80	1.24	1.85	1.53	2.01	2.44	2.03	.87	1.76	2.63	2.163
May .....	1.51	1.61	3.29	1.38	1.15	3.53	2.83	1.63	.69	2.16	1.978
June .....	1.51	2.04	3.14	3.37	.75	2.80	.75	.40	2.17	.65	1.758
July .....	3.98	4.33	3.13	5.23	3.36	1.66	5.73	1.29	8.31	3.93	4.095
August .....	1.70	6.62	2.91	2.32	1.26	3.85	1.26	2.56	2.47	3.79	2.874
September .....	4.86	4.36	1.25	3.81	1.30	2.59	1.70	5.70	1.74	1.42	2.878
October .....	4.56	2.84	3.72	2.70	1.89	4.31	3.08	2.74	.67	3.90	3.041
November .....	2.18	1.38	3.08	1.21	1.86	2.09	2.90	3.03	3.91	.75	2.239
December .....	3.99	2.77	4.73	2.31	1.37	1.37	3.68	3.84	.90	1.56	2.652
TOTALS .....	38.63	35.54	32.39	29.60	22.53	29.26	30.27	27.19	30.31	26.57	29.429

1880. 82. Mary's Church, <sup>2 miles</sup> E

Trees 40ft high 60ft N

1882 Wall 6ft - 30ft N

RAINFALL AT Seaham Hall

Lat.

Lon.

County of

Durham

Rain Gauge, by

Observer

Mr R. Draper

R. Draper

Diameter ....	<u>5</u>										
Height .....	<u>1 0</u>										
Altitude ....	<u>100 ft</u>										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	1.54	1.42	1.36	1.35	1.23	4.57	.95	2.15	1.18	2.84	1.850
February .....	1.45	.07	1.84	2.02	2.40	1.12	.57	1.64	1.03	1.17	1.331
March .....	1.72	2.65	1.44	.18	.69	2.21	1.96	2.61	1.41	2.07	1.694
April .....	.86	2.01	1.43	.65	1.08	1.72	.55	1.37	2.63	2.04	1.434
May .....	2.90	2.06	3.00	1.04	2.92	1.19	.87	1.26	2.10	3.20	2.054
June .....	3.62	.31	3.04	1.18	4.02	1.90	2.50	2.70	2.48	2.11	2.326
July .....	1.97	4.94	1.48	3.32	3.23	5.17	2.24	1.14	.54	2.62	2.665
August .....	6.81	4.42	4.18	2.22	2.81	3.55	1.81	3.04	2.11	.91	3.160
September .....	1.99	2.03	2.69	1.45	.94	.51	2.74	2.63	.53	2.50	1.801
October .....	2.48	1.82	7.15	.79	4.67	4.49	7.32	1.46	3.50	2.83	3.651
November .....	3.62	1.76	1.66	3.34	.53	2.20	1.23	2.03	3.26	1.52	2.115
December .....	1.60	2.79	.86	1.44	1.55	1.82	4.20	1.40	1.32	3.46	2.040
TOTALS .....	30.36	26.28	27.00	30.43	18.98	26.07	30.45	26.94	23.43	22.09	27.27
											(25.88)

1891 St Mary's Church 400 yards E  
 Wall 7 ft high 30 ft N  
 1892 Record unreliable — estimated

RAINFALL AT Seaham Hall

Lat. 54°

Lon. 51°

County of Durham

Rain Gauge, by

Observer Mr R Draper

Acad.

Year 1900-1.

Diameter ..	5										
Height ..	0.6	1.0									
Altitude ..	106 ft				112						
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.60	1.45	.85	2.47	1.94	.22	2.42	.43	1.24		
February ..	5.81	1.85	1.35	.95	2.42	.69	1.13	.94	.67		
March ..	1.84	1.92	.35	1.46	1.42	1.29	.90	.90	2.82		
April ..	.53	1.12	1.55	1.56	.83	2.88	1.20	2.05	1.93		
May ..	1.48	2.17	1.98	2.27	2.81	.53	5.17	4.76	1.59		
June ..	3.77	1.41	2.33	3.21	1.46	.71	.96	2.94	.58		
July ..	2.13	4.93	2.56	4.31	1.59	1.29	.51	1.54	2.70		
August ..	5.23	2.10	1.75	2.28	3.77	3.54	2.40	2.02	1.68		
September ..	1.08	1.26	.90	2.88	.82	2.07	.46	.29	1.83		
October ..	6.48	1.98	1.81	8.91	.52	2.60	4.82	4.12	1.13		
November ..	2.76	3.57	1.29	2.11	2.35	4.71	3.45	1.70	1.57		
December ..	2.26	3.72	2.75	2.01	2.09	.37	2.16	3.25	1.03		
TOTALS ..	3597	27.48	19.47	34.42	22.02	20.90	25.58	25.24	18.77		

D      P      M      A      J      J

1900 St Mary's Church 400 yard E

Gauge overflowed

Seaham Station

Wall 7 ft high 24 ft sk