

Rainfall at Sedgefield
Durham

Robert Smith M.D.

Diameter of Gauge, 5 in. Height above Ground, ft. 7 in. Above Mean Sea Level, 360 ft.

YEAR - -		1864	1865	1866	1867	1868	1869	MEANS.
January - -		8.46	1.42	1.82	3.91	2.31	1.44	
February - -		1.58	1.25	1.81	.92	1.11	2.08	
March - - -		2.82	1.88	2.46	2.42	1.33	1.69	
April - - -		1.77	1.06	2.61	2.37	3.10	1.55	
May - - -		1.63	3.55	1.22	2.27	1.17	3.35	
June - - -		2.20	.78	2.23	1.39	.40	1.00	
July - - -		1.01	1.68	5.07	3.01	.80	1.72	
August - -		1.33	3.27	3.26	2.70	2.57	2.55	
September -		1.58	.30	4.73	2.01	4.32	3.68	
October - -		5.76	6.03	1.65	1.45	2.07	2.84	
November -		1.90	2.67	1.83	.89	2.11	2.13	
December -		2.28	1.68	2.00	2.17	5.55	3.11	
TOTALS -		24.32	25.57	30.69	25.51	26.84	27.14	

c c c c c

15 yards to South of a three storied House

RAINFALL AT DURHAM COUNTY, ROGUE RIVER, SEDGEFIELD

Observer. Robert L. Smith Esq., M.D.

Rain { By.....
 Gauge } Diameter..... 5.....in. Height above Ground,.....ft., 10.....in. Above Mean Sea Level, 360 ft.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....											4 1.58
February											2.21
March											1.95
April											1.62
May											3.74
June.....											1.17
July											1.72
August.....											2.63
September.....											3.81
October											2.96
November.....											2.25
December.....											3.24
TOTALS											28.88

The funnel of this gauge does not fit tight and is blown about by the wind.

RAINFALL AT Sedgefield County Asylum

Lat..... Lon..... County of..... Dunham.....

..... Rain Gauge, by..... Observer L. Smith.....

Diameter	5										
Height	10										
Altitude	360.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	1.23	.98	2.48	1.15	1.45	2.52	.63	3.64	1.70		
February	1.23	1.54	2.25	1.10	1.06	1.26	2.34	1.41	.93		
March	1.41	.66	3.28	1.98	.97	.64	2.33		72		
April	- .41	3.07	3.59	1.42	1.12	.83	2.85	4.35	1.99		
May	1.28	1.74	2.14	2.95	2.27	1.11	1.36	2.42	3.02		
June	1.73	3.48	2.36	1.96	1.18	1.86	2.10	1.47	3.14		
July	.66	4.62	3.70	2.68	.97	3.71	2.49		.14		
August	2.62	.67	3.44	2.09	1.79	2.54	2.08	5.61	6.11		
September	.85	5.46	4.29	1.17	2.72	2.04	(3.20)	2.28	1.44		
October	4.63	2.78	3.95	1.82	1.71	4.59	1.89	2.75	1.39		
November	2.43	1.86	4.55	1.76	2.12	6.73	2.98	1.94	7.39		
December	+ 4.92	1.54	3.51	.19	5.04	1.48	6.90	1.49	4.83		
TOTALS	23.39	28.40	39.34	19.67	22.40	29.31			32.80		

C C E

1871 90 feet from the House 1876 Sept 24th obs. lost

1874 This gauge is placed in front of a high and extensive building and also near, but by no means in close approximation to young trees & shrubs. In consequence of the discrepancy two new gauges have been planted, one a 10 in "Recording" by Casella near the "Monthly" gauge the other a 5 in by N.Y.J. near the "daily" gauge.

76 h.p.

1879 No reply

RAINFALL AT *Ledgefield, D.C. Asylum*

10

Lat.....

Long.....

County of Durhams.....

..... Rain Gauge, by.....

Observer.....

D. R. Smith.....

Monthly

Diameter.....	5	5									
Height.....	11 ^{ft}	1.									
Altitude.....	360	360									
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					1.50	2.58	.62	3.54			
February.....					1.02	1.14	2.29	1.43			
March.....					.97	.58		2.86			
April.....					1.13	.85	2.76	4.17			
May.....					2.33	1.10	1.47	2.45			
June.....					1.26	1.98	2.84	1.40			
July.....					1.05	2.90	2.42	3.18			
August.....					1.49	2.48	2.17	5.52			
September.....					3.11	2.11	3.90	2.24			
October.....					2.02	5.51	2.04	2.92			
November.....					2.32	7.03	2.94	1.92			
December.....					5.08	1.33	6.91	1.57			
TOTALS.....					23.28	29.54	33.20				

1874 This gauge is placed far from Trees or Buildings
 76 1896 March cost

RAINFALL at Terryhill, Winterton Dunham Co. Merton Hos.County of Durham.Observer W. N. SedgwickRiver Basin Tees + C - 1.Medical Superintendent (H. Gribble)K.O. pattern Rain Gauge, by
(126) Snowdon (27)D. J. T. Race (26) G.F. May.

Diameter ...											
Height											
Altitude ...											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...					1.74		2.99	1.16	3.02	3.46	3.97
February ...					1.26		2.19	0.82	1.16	1.16	1.95
March					1.11		1.84	2.58	3.10	.20	2.93
April.....					1.78		1.07	1.37	1.18	1.30	2.68
May					5.53		1.80	1.61	1.40	1.45	1.61
June					1.96		3.49	2.64	4.28	1.76	1.28
July					3.92		2.78	4.39	1.32	2.16	5.67
August					2.53		2.64	6.30	3.61	1.97	4.05
September..					2.26		1.65	3.36	.54	1.12	4.02
October.....					3.04		2.41	1.68	3.55	2.05	2.19
November...					.99		3.51	2.95	2.56	2.50	3.70
December...					2.36		1.39	3.42	1.82	2.64	2.56
TOTALS...					28.50		26.76	32.28	27.54	21.77	36.41
					D		D	D	D	D	D

1927 Gooseberry bushes 2½' high 3' N.S.E+W

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	Parish Church.	Distance from gauge
1924	54° 40'	1° 27'	Sedgefield	(126) 2½ m.	S.W	(126) Sedgefield	1 m. S.

RAINFALL at Ferryhill, (Winterton).

County of Durham

Observer Medical Superintendent.

River Basin. Tees & C. - 1.

Type of Gauge.....

Annual Average 26.6 in. based on 2 years obs. un-weighted. Period of average 1881-1895 Ref 5

..... *Ref.*

926692/29.

1932. *Gossypium* 3' high & away encircling gauge.

George broken, committee will not repair it. Black Lester XI/33

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series }

References No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Sedgefield	2½ m	SW	Sedgefield	1 m	S.