

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 - -				46	1.42	1.82	3.91	2.31	1.44	
February - -				1.38	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	5.58	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, Oregon Sedgefield*Observer... *Robert. Louisville. Ky. M.D.*Rain { By.....
Gauge {Diameter..... *5*.....in.Height above Ground,.....ft. *22*.....in.Above Mean Sea Level. *360* ft.

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

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..... *Durham*Rain Gauge, by..... Observer *E. Smith*

Diameter.....	.5										
Height.....	.10					1.1					
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	2.35	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	3.31	.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		

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 your 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.J. near the "daily" gauge.

76 N.R.

1879 no repl

RAINFALL AT

Sedgefield D.C. Asylum

70

Lat.....

Long.....

County of.....

Durham

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

Observer.....

D. B. Smith

Monthly

Diameter.....					5			5			
Height.....					11			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 1876 March lost

RAINFALL at Ferryhill, Winterton, Durham Co. Mental Hos.County of DurhamObserver W. N. SidgwickRiver Basin Teas & C - 1Medical Superintendent (H. G. Brille)L. O. Patten Rain Gauge, by
(226)
Snowdon (27)R. J. F. Race (26) G. F. May

Diameter ...											
Height											
Altitude ...											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. 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	1.41
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	2.36	2.50	3.70
December...					2.36		1.39	3.42	1.82	2.64	2.56
TOTALS...					28.50		26.76	32.23	27.54	21.77	36.41
					D		D	D	D	D	D

1927 Gooseberry bushes $2\frac{1}{2}$ ' high 3' N.S.E + W

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1924	54° 40'	1° 27'	Sedgefield	(136) 22 m.	S.W.	(126) Sedgefield	1 m.	S.

RAINFALL at Ferryhill, (Winterton)County of DurhamObserver 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 1881-1915 Ref. 5

926692/29.

Diameter	5.										
Height	1.0.										
Altitude	365.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.40	1.30	1.42								
February	1.32	1.29	2.96								
March	1.58	2.56	1.22								
April	3.58	1.11	.79								
May	2.61	4.42	2.05								
June	3.76	1.47	1.26								
July	5.32	3.50									
August	3.04	3.01									
September	4.23	2.05									
October	1.06	3.71									
November	2.43	1.16									
December	1.05	.81									
TOTALS	32.38	26.89									

1932. Gauge broken 3' high & away enclosing gauge.

Gauge broken, committee will not repair it. Black Listen XI/33/

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
			<u>Redgefield</u>	<u>2½ m</u>	<u>SW</u>	<u>Redgefield</u>	<u>1 m</u>	<u>S.</u>