

RAINFALL AT Alstonfield Vicarage

Lat..... Lon..... County of Stafford.....

Rain Gauge, by..... Observer Rev. W. H. Purchas.....

Dove - 5.

Diameter		5									
Height		1.2				1. -					
Altitude		900 ²				904 ³					
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		7.16	3.72	3.87	4.36	1.66	6.72	6.00	2.00		
February.....		4.74	1.19	1.92	1.78	4.83	3.92	2.70	4.75		
March.....		4.66	3.20	2.75	1.06	4.79	3.72	1.49	1.57		
April.....		3.91	1.01	2.18	1.17	3.67	3.66	1.70	3.01		
May.....		2.57	3.63	1.19	2.19	7.71	3.76	5.72	2.99		
June.....		5.69	2.47	1.19	2.59	4.68	8.81	3.94	7.89		
July.....		5.69	2.85	3.10	5.89	2.33	(4.78)	6.2	4.42		
August.....		3.72	4.52	5.40	4.02	2.84	5.42	5.74	7.40		
September.....		5.26	2.46	3.11	5.02	5.50	2.14	3.94	3.71		
October.....		7.42	5.14	4.54	7.26	3.84	3.37	4.19	2.03		
November.....		5.26	2.98	5.10	5.83	4.69	5.81	3.32	2.09		
December.....		5.91	.80	3.97	2.62	8.37	4.47	2.51	2.21		
TOTALS			61.99	33.97	38.32	43.79	47.91	(48.58)	41.87	44.07	

1877 July 14th gauge overflowed
June must be quite wrong

RAINFALL AT *Alstonfield Vicarage*

80

Lat.

Lon.

County of *Stafford*

Rain Gauge, by

Observer *Rev. W. H. Purchas*

Above - 5°.

Diameter	5										
Height	1.0										
Altitude	907										9097
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January45	4.9	4.28	4.21	4.68	3.35	5.24	2.98	1.88	1.79	
February	4.07	7.23	3.67	4.08	3.52	3.84	1.19	7.4	2.28	1.89	
March	2.62	4.65	2.85	.89	3.05	2.82	2.68	2.18	3.18	3.00	
April	1.37	1.86	5.03	2.52	1.92	1.99	1.93	1.07	1.81	3.03	
May	2.60	2.96	2.54	1.29	2.18	3.08	6.07	2.01	1.12	3.40	
June	3.09	3.10	6.05	4.83	1.65	3.30	1.83	1.74	1.85	.52	
July	6.57	2.52	4.92	4.10	4.96	1.27	4.17	1.44	7.01	3.40	
August	3.83	6.48	4.24	1.53	1.67	2.32	(2.00)	2.77	4.68	4.56	
September	5.45	2.50	3.33	8.06	(3.00)	3.36	2.29	3.75	1.45	2.30	
October	3.29	3.28	6.32	3.86	2.06	7.53	5.42	1.79	.76	4.61	
November	4.52	5.04	7.22	2.97	1.41	4.07	2.89	1.71	7.58	1.97	
December	7.30	4.08	7.16	2.51	3.03	1.93	5.07	3.13	3.78	3.07	
TOTALS	84.71	44.19	57.6	40.85	33.13	38.86	40.78	25.25	37.38	33.54	

1880. Alstonfield, 73 feet E.N.E.

Shrub 6ft high 12ft N

Church tower 70ft. 73ft NE

1884 Sept. 92 obs. 3 roughly estimated. Below water 1909
1886 Aug.

RAINFALL AT Alstonfield Vicarage

Lat.

Len.

County of Stafford

Gauge - 5.

Rain Gauge, by

Observer Rev W H Purchas

Diameter	5										
Height	10										
Altitude	909 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.19	3.54	3.66	2.87	3.96	4.91	1.86	2.20	2.67	5.17	
February87	.09	2.35	5.68	4.85	.43	1.70	5.16	3.19	2.23	
March	3.17	2.25	1.14	1.22	2.56	3.82	5.43	5.03	1.65	1.87	
April79	3.60	1.67	.72	2.20	2.45	1.83	3.17	1.70	3.94	
May	2.77	3.58	4.49	3.18	1.87	1.32	.25	1.97	3.55	1.69	
June	2.98	4.32	5.09	2.06	2.76	.51	3.58	3.12	2.55	2.40	
July	3.00	2.64	1.87	4.02	1.79	3.83	2.09	1.47	1.19	1.85	
August	2.94	5.73	3.10	2.18	3.40	2.10	2.86	3.96	4.71	1.29	
September....	.69	2.83	3.02	2.61	.50	1.15	6.84	4.56	1.57	6.11	
October.....	3.54	6.01	5.25	2.18	4.41	2.91	4.73	1.47	3.05	3.58	
November....	8.89	4.53	3.46	2.11	(2.50)	5.60	2.19	3.98	2.92	2.20	
December....	.99	8.71	3.08	4.70	3.54	3.31	7.08	4.69	4.66	3.08	
TOTALS	35.82	47.83	38.18	33.53	34.34	32.34	40.44	40.78	33.41	35.41	

1894 Sept & Nov? No observations, roughly estd. Alston with 1909

1895 Alstonfield Church 60 ft E

Shrub 10 ft high 6 ft

RAINFALL AT Alstonfield Vicarage

Lat. Lon. County of Stafford.....

Rain Gauge, by

Observer Rev. W. H. Purchas
Rev. A. B. Purchas

Scale - 5.

Diameter ..	5"											
Height ..	1 0											
Altitude ..	910 T	905										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MENS.	
January ..	7.26	3.26	1.58	3.65								
February ..	4.13	1.90	2.29	2.05								
March ..	.99	3.92	2.16	4.14								
April ..	1.40	2.70	2.36	2.21								
May ..	1.50	1.53	2.79	2.94								
June ..	3.68	1.49	1.39	.75								
July ..	2.91	3.17	2.58	3.61								
August ..	5.71	1.75	3.60	4.83								
September ..	1.38	1.56	2.12	4.85								
October ..	4.46	2.92	4.43	6.83								
November ..	3.52	4.59	3.32	3.50								
December ..	6.21	6.80	2.98	2.22								
TOTALS ..	43.15	35.59	31.60	41.58								

1903 Alstonfield Church 20 yards NE
Alstonfield Dale Station $\frac{2}{4}$ miles E

RAINFALL at Alstonfield Vicarage

County of Stafford Observer Rev. A. E. Brown

River Basin Trent - Dove S.

Howard Rain Gauge, by No 2
C. funnel.

Diameter ...			5								
Height			1	1							
Altitude ...			905								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...			5.09	3.81	3.31	3.59	4.21				
February ...			3.12	6.33	1.19	5.39					
March			4.44	2.33	1.61	1.41					
April.....			3.54	3.62	3.01	2.80					
May			1.06	3.59	5.08	5.87					
June			1.76	1.16	2.59	.02					
July			5.21	4.83	4.74	1.66					
August			4.98	4.37	5.52	5.05					
September...			4.36	4.51	3.75	4.78					
October.....			1.04	3.14	5.63	4.47					
November...			2.23	3.15	2.21	2.80					
December...			5.01	5.00	3.59	3.24					
TOTALS...			41.84	45.86	42.23	41.08					

1922. Church Tower 60' high 20 yrs. N.E.
Vicarage 25' - 42' N.
1926. Gauge moved to Bishopsgrove in February
Sect. H. 3.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.			
Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1922	53° 5'	1° 50'	Aeroscombe Dale	2 mi.	E	Astonfield	20 yds.	NE