

RAINFALL at Andover St. Marybourne Bourne-side

County of Hampshire

Observer Prof C. V. Boys F.R.S.

River Basin Test & Solent 4

British

Rain Gauge, by H + 3

Diameter ...							5			
Height							1.2			
Altitude ...							300			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...							1.14	1.69	3.65	3.93
February ...							5.04	1.21	1.59	2.68
March							3.29	2.29	1.03	5.21
April69	1.56	2.86	2.08
May							1.78	2.68	1.95	.56
June							1.70	3.24	.64	.93
July							1.55	3.94	6.02	1.23
August							4.10	5.36	2.03	2.87
September...							1.90	2.15	5.53	2.83
October ...							5.22	5.13	1.47	1.24
November...							4.82	.61	2.92	1.87
December...							3.93	1.40	2.59	5.70
TOTALS ...							35.26	31.26	32.28	31.13
							—	—	—	129.73

1916 House 400 ft off N.E. N

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51° 15' 38" S	5° 35' 3" W	Hurselbourne	1.6 m	SE	St. Marybourne	1500 ft	SE

665
20RAINFALL at St Mary Bourne BourneCounty of HampshireObserver Prof. G. V. Boyce F.R.S.River Basin Test & Solent 4British Rain Gauge, by N. & S.
No. 3441.

Diameter ...	5"											
Height	1	0										
Altitude ...	300											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	M.D.P.S.
January ...	3.26	3.04	3.81	1.80	3.39	2.96	4.28	2.98	5.08	1.54	3.80	35.94
February ...	70	25	2.91	4.41	39	4.13	1.87	4.50	2.05	.74	.78	22.73
March	2.18	1.44	2.68	2.15	1.32	.50	.78	3.63	2.91	.15	1.05	18.79
April.....	4.02	.85	3.22	3.40	3.16	2.47	3.26	2.20	1.84	.92	2.33	27.67
May	1.31	1.37	.75	1.60	4.32	4.42	1.93	.89	1.54	1.49	1.56	21.18
June	2.29	.08	1.16	.34	2.55	.00	2.30	2.81	2.19	1.47	.79	15.98
July	6.68	.34	4.87	.88	4.64	4.01	2.26	3.34	1.63	1.26	3.08	31.99
August	1.58	1.34	2.92	2.90	2.90	1.93	1.01	3.91	1.96	.89	2.79	24.13
September...	1.49	1.18	1.61	1.73	4.56	3.26	1.18	6.09	1.69	.54	3.13	26.46
October.....	3.17	.72	1.22	6.28	4.65	3.40	2.70	2.50	5.83	3.19	1.91	35.57
November...	1.63	2.32	1.63	2.21	3.15	1.88	6.99	4.33	2.81	7.88	4.56	39.39
December...	2.82	1.65	3.29	3.97	5.08	3.54	.54	4.84	3.01	7.18	3.68	39.60
TOTALS...	31.13	14.58	30.07	31.67	40.11	32.50	29.10	42.02	32.54	27.25	28.46	339.63

1920. House 50 ft. high 10 yds N

1925. " " 20" NNE.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	51° 16'	5° 35' S	Hurstbourne	1 3/8 mi	S E	Hurstbourne	3/8 mi S E

RAINFALL at St. Mary Bourne (Bourne End).

County of Hampshire.

Sir Charles

Observer Prof. V. Bows, F.R.S.

River Basin Test & Solent H.

Type of Gauge ~~100~~ d+2 (1929)

Annual Average in. based on years obs. un-weighted. Period of average Ref.

Diameter											
Height											11'
Altitude											300
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total Means
January	1.97	2.75	2.36	2.34	7.6	4.89	5.56	2.96	5.29	3.30	3218
February	2.15	0.17	4.63	.10	4.07	2.60	5.67	.59	1.61	3.23	2482
March	-46	2.04	3.32	3.14	.61	2.56	3.69	2.4	1.26	2.96	2028
April	3.48	2.85	1.58	2.10	4.13 (2.31)	2.40	.03	2.78	.91	2.257	
May	2.76	5.60	1.61	.99	1.00	.83	3.42	1.17	1.11	.74	1932
June	2.24	1.84	4.21	1.11	4.63	2.35	1.58	.68	1.99	.48	2111
July	3.89	2.75	2.41	1.46	1.68 (4.96)	1.33	1.77	6.43	3.02	2969	
August	3.54	.92	0.37	2.58	2.42	.58	1.16	3.69	1.86	.25	1737
September	2.22	4.21	2.53	2.02	4.20	2.80	1.64	1.04	1.69	1.63	2398
October	-57	4.41	2.14	1.28	4.00	2.23	4.12	3.31	4.90	3.08	3004
November	3.39	1.84	0.96	2.01	5.91	3.36	1.64	4.43	5.79	7.89	3722
December	.69	1.26	0.44	8.76	3.68	3.58	3.44	3.65	1.57	1.90	2897
TOTALS	27.36	30.73	26.56	27.88	37.09	33.05	35.65	22.56	36.28	2939	30755

1931. House 50' high, 20 yds. N.N.E.

1937. Tilt changed to Sir Charles for BR. 1936.

Observer supplied his original figures to be copied by M.C. saying sight was bad - values in brackets suggested by nearby stations.

1940. House 70' ~~high~~ N.W.Tilt
R.L.Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No....
1 mile to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931.			Hurstbourne	1 1/4 m.	S.E.	St. Mary Bourne	1480' 20° E. of S.

~~St. Mary Bourne~~ Station No. b.615
RAINFALL at St. Mary Bourne (Bourneside)

S.T.E.T.

County of Hampshire

River Basin Test & Scient. H.

Type of Gauge N.Z.

Observer S. J. Bony J.R.S.

died 1944
G.V. Boys Esq. died 1945
Mrs G.V. Boys

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.

" " 29.4 in computed by her Corinck (1936) File No. 617644/37
Ref 501347/37

Diameter	5"			327	440						
Height	1' 1"					1					
Altitude	300'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.06	3.17	5.37	2.25	1.67	2.62	2.36	6.78	1.24	1.54	Total 15
February	2.19	.60	1.67	.67	2.42	2.75	1.21	1.15	1.47	4.84	29.06
March	3.22	2.12	.71	.25	.84	1.16	6.38	.98	1.52	1.30	12.97
April	1.74	1.84	.87	1.67	1.01	2.22	2.11	1.51	1.52	2.99	18.48
May	1.06	3.59	2.49	.47	2.33	3.28	.99	4.70	2.90	2.06	17.43
June	1.47	.16	1.64	2.51	3.96	2.89	1.35	2.10	.33	1.32	23.37
July	2.49	1.86	1.57	3.50	1.46	1.41	1.45	1.08	3.10	4.15	17.72
August	4.01	3.89	2.27	1.59	1.71	4.65	.59	3.82	1.98	4.35	22.49
September	.73	1.97	1.52	2.42	1.95	5.89	1.15	2.75	2.41	3.87	28.86
October	1.53	4.06	4.14	4.64	4.40	.82	.64	2.46	6.07	.69	24.66
November	3.05	1.78	1.37	5.46	.15	5.99	1.56	1.76	3.55	5.97	29.45
December	1.35	4.50	2.03	2.80	4.30	2.81	2.95	4.23	1.50	2.05	30.64
TOTALS	25.90	29.53	25.65	28.23	26.20	36.49	22.74	33.32	27.59	34.55	27.52

1941 House 50' high 120° NNE. Point with gauze.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map..... Reference No. A1-4165.6.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Hurstbourne	1/4 m	SE	St Mary Bourne	1480' 20° E of S.

Station No. 1665

51

RAINFALL at ST. MARY BOURNE (BOURNEMOUTH)

County of HAMPSHIRE

Observer M^{RS} H.F.M. Boys, B.A.

River Basin TEST & SOARNT - h

Type of Gauge N.+Z.

Annual Average in. based on years obs. un-weighted, Period of average
 " 29.4 " computed by Mr. Cornish 1936 Ref 561246/36 7/1946-1950 P
 " 30.49 " based on 35 yrs 1916-1950 File No. 617644/37

Diameter	5"			327	440					
Height	1' 1"				1					
Altitude	300				51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	3.14	2.14	1.05	1.63						
February	5.65	.61	1.62	3.46						
March	3.76	3.15	.38	2.98						
April	3.58	1.81	2.80	.26						
May	2.91	3.26	2.05	1.58						
June	.91	1.37	1.75	3.60	#					
July	1.07	.90	3.49	2.70						
August	5.12	2.52	1.86	3.88						
September	3.28	2.82	2.42	2.56						
October	.75	4.71	3.63	2.61						
November	7.70	3.43	2.14	5.86						
December	2.53	2.87	.89	2.73						
TOTALS	40.40	29.59	24.28	33.85						
	D	D	D	D						

1951. House 50' high 60' N.N.E.

1955 July terminated shower gone away

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 41-416506

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1951			Hurstbourne	1/4 mile	S.E.	St. Mary Bourne	1480 ft. 20° E 50 S.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P-accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1916 ✓	✓	✓ but d 38 ✓	✓	