

RAINFALL at Andover St. Marybourne DownsideCounty of HampshireObserver Prof C. N. Boys FRSRiver Basin Test & Solent &British Rain Gauge, by H & Z

Diameter ...							5					
Height							1.2					
Altitude ...							300					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...							1.14	1.69	3.65	3.93		Totals. 16-19 10.41
February ...							5.04	1.21	1.59	2.68		10.52
March							3.89	2.29	1.03	5.21		11.92
April .....							.69	1.56	2.96	2.08		7.19
May							1.78	2.68	1.95	.56		6.97
June							1.70	3.24	.64	.93		6.51
July							1.55	3.94	6.02	1.23		12.74
August							4.10	5.36	2.03	2.87		14.36
September...							1.90	2.15	5.53	2.83		12.41
October ...							5.22	5.13	1.47	1.24		13.06
November ..							4.82	.61	2.92	1.87		10.22
December...							3.93	1.40	2.59	5.70		13.62
TOTALS ...							35.26	31.26	32.28	31.13		129.93 44

5916 House 40 ft high 80 ft NE by N

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51-1538	5-35-3	Hursbourne	1.6 m	SE	St Marybourne	1500 ft	SE

RAINFALL at St Marybourne BournsideCounty of HampshireObserver Prof. G. V. Boyle & P. S.River Basin Test & Solent 4British Rain Gauge, by N. & J.
No. 3441.

Diameter ...	5											
Height	10						1.1					
Altitude ...	300											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	Totals
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	2.68	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	37.39
December...	2.02	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	29.19	42.02	32.54	27.25	28.46	337.43
	D	D	D	D	D	D	D	D	D	D	D	D

1920. House 50 ft high 15 yds N
 1925. " " " 20 " NNE.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 16'	5° 35' 3"	Hurstbourne	1 7/8 mi	SE	Hurstbourne	3/8 mi	SE

RAINFALL at St. Mary Bourne (Bourne side)County of HampshireObserver St. Charles
Peter V. Boys, F.R.S.River Basin Test & S. Kent H.Type of Gauge No. 1 + 2 (1919)

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

Diameter	5											
Height	1	0									11	
Altitude	300											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.97	2.75	2.36	2.34	.76	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	.24	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	1.53	.63	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	2.969		
August	3.54	.32	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	23.56	36.28	29.39	30755	

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

1937. Title changed to St. Charles for BR. 1936.
Observer supplied his original figures to me copied by M.O. saying right was bad - values in brackets suggested by nearby stations.

1940 House 70' high N.N.W.

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
1931.			Herstbourne	1 1/4 m.	S. E.	St. Mary Bourne	1480'	20° E of S.

RAINFALL at St Mary Bourne (Bourneide) Station No. 665
 County of Hampshire Observer Sir Charles J. Boys F.R.S.
 River Basin Test & Solent H. G.V. Boys Esq died 1944
 Type of Gauge N.Z.Z. Mrs J. Boys

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

" " 29.4 in computed by Mr Cornish (1936) File No. 617644/37

Diameter	5"											
Height	1' 1"											
Altitude	300'											
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 29.06
February	2.19	.60	1.67	.67	2.42	2.75	1.21	1.15	1.47	4.84		12.97
March	3.22	2.12	.71	.25	.84	1.16	6.38	.98	1.52	1.30		18.48
April	1.74	1.84	.87	1.67	1.01	2.22	2.11	1.51	1.52	2.99		17.48
May	1.06	3.59	2.49	.47	2.33	3.28	.99	4.70	2.30	2.06		23.27
June	1.47	.15	1.64	2.51	3.96	2.89	1.35	2.10	.33	1.32		17.72
July	2.49	1.86	1.57	3.50	1.46	1.41	1.45	1.08	3.10	4.57		22.47
August	4.01	3.89	2.27	1.59	1.71	4.65	.59	3.82	1.98	4.35		28.86
September	.73	1.97	1.52	2.42	1.95	5.89	1.15	2.75	2.41	3.87		24.66
October	1.53	4.06	4.14	4.64	4.40	.82	.64	2.46	6.07	.69		29.45
November	3.05	1.78	1.37	5.46	.15	5.99	1.56	1.76	3.55	5.97		30.64
December	1.35	4.50	2.03	2.80	4.30	2.81	2.95	4.23	1.50	2.05		28.52
TOTALS	25.90	29.53	25.65	28.23	26.20	36.49	22.74	33.32	27.59	34.55		290.20

1941 House 50' High 20° NNE. Print with quality.

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

No. of Map.....

Reference No. 41-416 Sub.

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

BRITISH RAINFALL ORGANIZATION

Station No. 6657**RAINFALL** at ST. MARY BOURNE (BOURNESEIDE)

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County of HAMPSHIREObserver MRS. H. F. M. BOYD, B.A.River Basin TEST & SOLENT - AType of Gauge N. & ZAnnual Average 29.4 in. based on 29 years obs. un-weighted. Period of average 1916-1950 Ref. P" " 30.49 " computed by M. Cornish MS. Ref 561245/36File No. 617 644/37

Diameter ...	5"				3 27	4 40					
Height ...	1' 1"					1					
Altitude ...	300					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	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	3.69	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.E.
 1955 July terminated observer 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	Direction	Parish Church.	Distance	Direction
1951			Bourne	1 1/4 mi	S.E.	St. Mary Bourne	1480 ft.	20° E of S.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

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