

RAINFALL at Oakley Manydown ParkCounty of HampshireObserver S. E. Bates EsqW. J. J. J.River Basin Test & Solent 4Recording Rain Gauge, by N. & B.

Diameter ...											
Height			1. 8								
Altitude ...			415								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			3.27	3.97	.27	2.52	1.13	1.34	3.27	4.00	
February ...			2.19	1.14	3.16	4.43	4.20	.50	1.14	2.95	
March			4.20	2.50	4.54	.73	3.85	1.43	.81	5.51	
April .....			.00	3.12	1.19	1.06	.63	1.99	2.87	2.28	
May			1.64	2.14	1.29	4.50	1.52	1.73	1.64	.49	
June			3.66	1.19	.60	.65	1.71	2.48	.88	.90	
July			1.62	1.96	2.75	5.18	1.30	4.06	6.67	1.44	
August			6.16	.72	2.42	2.56	5.55	4.87	1.68	2.84	
September ..			2.39	3.06	1.05	4.00	1.76	3.05	6.03	3.40	
October ...			2.87	3.76	2.27	3.42	5.15	4.67	1.66	.97	
November ..			2.18	2.64	3.13	2.08	4.09	.59	2.65	1.24	
December ...			4.45	1.43	5.95	6.52	2.97	.98	3.07	4.67	
TOTALS ...			34.63	27.63	28.62	37.65	33.86	27.69	32.37	30.69	

1912 Received III. 14. Entered 27. XI. 14.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912			Oakley	1 3/4 mile	SW.	Wotton St. Lawrence		

Worting
RAINFALL at Gabley Manydown Park

County of HampshireObserver S. E. Bates Esq. M. Green gardenerRiver Basin Test & Solent &Col. A. S. Bates ^{PS} (1924)Self Recording Rain Gauge, by No. 5

Diameter ...				8								
Height	1.8				2.0				4			
Altitude ...	415				400	415			415			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. Maxs.	Totals.
January ...	2.76	2.75	3.42	1.64	3.03	2.84	3.73	2.54	6.88	1.59	5.06	36.24
February ...	.49	.31	2.71	3.93	.46	4.42	2.05	4.56	2.60	.85	.72	23.10
March	1.76	1.87	2.50	2.71	1.02	.62	.70	3.75	2.96	.12	1.32	18.83
April	3.05	.83	3.78	3.36	3.83	2.87	4.16	2.45	2.28	1.21	2.75	30.57
May	1.16	1.42	1.01	2.31	3.48	3.60	2.28	1.18	2.20	1.67	1.69	22.00
June	1.23	.35	1.47	.45	2.08	.00	2.71	3.13	2.60	1.66	.51	16.19
July	5.68	.29	4.04	1.45	5.50	3.02	1.44	5.56	1.73	1.27	2.53	32.51
August	1.69	1.98	3.20	3.19	3.31	4.58	1.15	2.95	2.66	1.76	3.15	27.62
September...	1.04	1.06	1.86	2.29	4.73	3.31	1.06	7.46	1.98	.57	5.20	30.56
October	2.40	.96	1.47	6.55	4.81	4.01	3.06	2.38	6.72	4.46	1.96	38.78
November...	1.47	1.45	1.00	2.35	2.96	2.34	8.08	5.11	3.19	9.80	6.16	43.91
December...	2.21	1.74	2.98	3.15	5.19	4.12	.44	3.90	3.36	8.65	3.81	37.55
TOTALS...	24.94	14.51	29.44	33.38	40.40	35.73	30.86	44.97	39.16	33.61	34.86	361.76
	D	D	D	D	D	D	D	D	D	D	D	Not

1920. Not printed. Bad.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Gabley	1 1/4 mi	S.W.	Horton St Lawrence	3 1/4 mi	E

RAINFALL at Worthing (Mangdown Park)County of HampshireObserver Col. A. S. Bates, D.S.O.River Basin Test & Solent H.Type of Gauge (R)Annual Average 30.2 in. based on 12 years obs. un-weighted. Period of average Ref. 895723/29 Ref. 895723/29

Diameter	8			5			5					
Height	4' 0"			10			10					
Altitude	415			415			415					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.83	3.06	2.82	2.57	.69	5.24	6.60	3.18	5.69	2.89	34.57	
February	2.26	.22	5.06	.08	3.96	2.31	5.38	.56	1.73	2.86	24.42	
March	.31	2.17	3.29	2.86	.64	2.18	4.41	.26	1.53	3.15	20.80	
April	4.11	3.52	1.34	2.12	4.06	2.03	2.42	.07	2.69	1.58	23.94	
May	3.58	5.16	1.83	.85	.94	.58	3.07	1.27	1.33	.57	19.18	
June	2.78	2.00	2.11	1.36	4.01	2.91	1.51	.77	1.60	1.09	20.23	
July	4.86	3.50	1.71	1.80	.80	4.42	1.15	2.12	5.07	3.57	29.00	
August	5.25	1.63	0.41	3.17	2.92	1.22	1.00	1.51	1.95	.14	19.20	
September	1.92	3.51	3.26	1.85	3.93	3.39	2.20	.86	0.82	1.95	23.69	
October	.90	4.85	2.18	1.55	4.63	2.22	3.63	3.94	5.01	3.88	32.79	
November	3.30	2.00	0.42	2.20	6.20	3.24	1.66	4.89	6.14	8.70	38.84	
December	.62	1.23	0.47	9.43	3.50	3.28	3.58	4.13	1.47	1.57	29.28	
TOTALS	31.72	38.03	24.90	29.84	36.28	33.02	36.61	23.56	35.03	31.95	315.94	1931

1931. House is shown on 6 in. Ord. Map.

New gauge purchased 17/1/33

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Oakley.	1 1/2 m	SW	Wotton St. Lawrence	3/4	NE

Station No. b.b.7RAINFALL at Winton (Mansdown Park)

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County of HampshireObserver Col. A. S. Bates D.S.O.River Basin West of Solent H.

Type of Gauge.....

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

" " 30.2 .. computed by Mr. Bournish
Ref. 895723/29. min 27.File No. 895723/29

Diameter	5"				326	393						
Height	1' 0"					1						
Altitude	416'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.23	3.93	6.00	2.45	1.87	2.56	2.51	6.52	1.14	1.71		Total 30.92
February	2.81	.51	1.48	.76	2.55	2.91	1.65	1.52	1.59	4.71		20.49
March	4.06	2.41	.61	.20	.78	1.30	6.78	1.04	1.79	1.37		20.34
April	1.68	1.87	1.03	1.29	1.18	2.36	2.38	1.82	1.80	2.96		18.37
May	2.11	3.53	2.87	.70	2.07	3.11	1.52	3.31	3.03	1.18		23.73
June	1.91	.50	1.43	2.68	2.99	3.19	2.23	2.48	.35	1.27		19.03
July	3.34	1.63	1.87	3.34	2.02	2.05	1.26	1.14	1.27	5.01		22.93
August	4.77	2.73	2.18	2.13	1.46	4.77	.73	3.88	1.94	5.03		29.62
September	2.8	2.10	1.56	3.12	2.29	5.64	1.21	2.56	2.40	4.00		25.16
October	1.39	4.01	4.26	4.92	5.19	.89	.87	2.88	7.88	.61		32.90
November	3.35	1.76	1.73	5.03	.22	6.57	1.49	1.88	3.47	5.91		31.41
December	2.09	4.22	2.05	2.89	3.66	3.06	3.21	4.82	1.92	2.04		29.76
TOTALS	31.02	29.20	27.07	29.51	26.28	38.41	25.84	33.85	28.58	35.10		304.86

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	Parish Church.	Distance from gauge.	Direction

BRITISH RAINFALL ORGANIZATION

RAINFALL at WORTING (MANYDOWN PARK)

Lt. Col. J. S. Bates - Bellairs, D.S.O.

County of HAMPSHIREObserver Col. J. S. Bates D.S.O.River Basin TEST & SOLENT - 4

C.G.B.

Type of Gauge P.O. (K) P.A. manual

Annual average in, based on years obs. un-weighted. Period of average. Ref. 5
 " " 30.2 " computed by M. Cornish. Ref. 39 6723/29, MIA 27. Period of cal. 1916-1950
 " " 31.25 " based on 23 years obs. within 1935-56. File No. 835723/29

Diameter ...	5"					306	393				
Height ...	1' 0"						1				
Altitude ...	415'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.44	2.29	.95	2.64	4.05	4.39	2.55		3.95	3.80	
February ...	7.01	.83	2.37	3.68	1.86	.43	3.43		.22	2.91	
March ...	4.27	3.14	.52	2.87	1.28	1.14	2.07		3.51	1.65	
April ...	3.72	1.75	3.48	30	.45	1.54	.21		3.26	1.07	
May ...	3.36	3.57	2.31	2.16	4.06	.52	1.80		.95	1.59	
June ...	.64	1.92	1.59	3.60	3.04	1.91	1.54		.99	2.53	
July ...	2.02	.68	4.41	2.67	1.12	3.52	4.18		2.73	4.25	
August ...	4.65	2.43	2.26	3.01	1.14	100 -89	2.07		2.16	3.80	
September ...	3.94	3.69	1.95	3.21	1.38	3.78	3.81		100 -70	4.54	
October ...	.82	4.71	4.05	2.57	3.85	1.96	2.72		2.69	8.92	
November ...	8.33	3.89	1.44	6.63	2.51	.93	3.35		3.35	4.74	
December ...	2.68	3.09	.91	2.83	3.39	4.55	3.47		6.25	3.77	
TOTALS ...	44.88	31.99	26.24	36.17	28.13	24.96	31.20		20.86	43.57	
	D	D	D	D	D	D	D		D	D	

Thus 1956 and 1959 low
 Value for September 1959 probably
 .07 (misplaced decimal)
 J.S. 76.62

1958 Observer died. Terminated - 1959 Print

Imp 29.11.59. The road had continued under garden since. Rainfall totals will be supplied 1958
 Lt. Col. Oliver Bellairs (Sun-in-low) will continue record for a year or two (see 667/1)
 Tangle wood that only increases in poor plate. So be avoided. See over.

1960. Re-instated under new authority who also records at S/A. 667/1 WOOTTON HOUSE.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 31(1). 524. 527

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1912				
	✓ but d 19	✓ but d 20-22, 24	✓	✓	✓