

738/8

RAINFALL AT Alton Rotherfield Park

Lat.

Lon.

County of

Hants

Rain Gauge, by

Observer

a. J. Scott Esq
W. Sturtevant

Diameter		5									
Height		1 6									
Altitude		540									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			1.13	2.53	4.81	2.46					
February			1.15	5.04	2.19	.18					
March			1.46	.48	2.30	2.27					
April			1.29	.07	2.78	2.57					
May81	1.15	2.43	.39					
June			1.79	2.50	2.35	.57					
July	3.05		2.42	3.97	5.79	4.74					
August	3.61		5.02	1.27	2.36	3.16					
September	95		3.81	2.22	3.05	.93					
October	1.87		5.20	4.34	5.40	3.62					
November	2.23		3.40	3.02	6.24	5.92					
December72		1.88	4.09	3.31	3.23					
TOTALS			9.9	29.36	30.68	43.01	30.04				

1895 East Tisted Church 1/2 mile E
 Wall 15 ft high 45 ft all round

738/8

RAINFALL AT East Tisted Rotherfield Park

Lat.

Lon.

County of Hampshire

Rain Gauge, by

Observer Mr W H Yates

Diameter ...									5	
Height									1 0	
Altitude ...									550 ft	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ...									3.03	1.39
February ...									1.65	.79
March									4.40	5.64
April									3.32	2.44
May									2.96	2.24
June66	5.41
July									3.91	3.06
August									5.07	2.75
September ..									2.43	2.76
October ...									2.48	8.97
November ..									1.54	.81
December ...									4.37	5.60
TOTALS ...									35.82	41.86

1908 St Jamesch East Tisted

Tisted Station

Fonden Wall 12 ft high.

1/2 Mile E

1 Mile E

16 yards W

10 73818

RAINFALL at East Tisted Rotherfield Park

County of Hampshire 7
River Basin Thames - Iver 5

Observer Mr W. H. Yate

1st ad. at Port 1915
Nahoe et Récifs,
at about

Standard Rain Gauge, by

Diameter ...	5									
Height	10									
Altitude ...	550 T									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January	4.52	1.97	4.04	6.49	1.07	5.52	2.50	2.02	4.73	7.02
February	5.49	2.54	4.10	1.73	7.62	7.57	6.72	1.23	2.59	3.33
March	1.52	3.17	5.79	4.98	6.14	.90	4.45	3.34	1.61	6.85
April	2.97	2.34	.13	3.93	2.26	1.70	1.87	3.07	2.80	3.21
May	2.36	2.64	1.92	3.51	1.78	4.61	2.13	2.19	1.78	.63
June	3.27	2.47	5.34	.71	1.41	.92	2.95	3.78	1.76	.93
July	3.18	.41	2.31	1.86	3.94	5.05	1.12	5.30	5.28	1.76
August	4.63	1.08	8.29	1.67	2.54	2.00	4.25	5.90	1.81	4.15
September27	1.23	3.73	4.29	1.72	2.70	2.94	2.79	7.40	2.20
October	5.61	5.27	4.88	4.08	2.94	5.06	7.95	6.62	1.80	.94
November	4.75	5.92	3.06	3.90	4.79	3.62	6.33	1.52	4.33	3.36
December	6.87	11.98	6.29	2.30	13.05	9.55	478	1.82	4.02	8.35
TOTALS ...	4544	41.02	49.88	39.44	49.29	49.10	47.49	39.58	39.91	42.73

1910 Wall 12 ft high 16 yds w

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
910	51° 6'	0.59 W	Tatton	1300 yds 1 M	E	St. James'	1/2 M	E

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738/13
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RAINFALL at East Tisted Petherfield Park

County of Hampshire
Stebury & Spidhead 5.
River Basin Thames Way

Observer Mr J. Busby

J. E. Vine (garden) 1922.
1923. 1924. 1925. 1926. 1927. 1928.

Standard Rain Gauge, by A & N Coop. Locy. Capt. G. B. Scott (1926) F. A. Huels (gen)

Diameter ...	5"										
Height	1. 0										
Altitude ...	550										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January	6.07	4.72	6.15	2.28 (3.30)	4.82	6.52	3.45	7.13	1.71	6.62	Totals. 52.77
February	1.10	.28	3.87	6.57 (60)	6.62	2.43	6.17	2.97	1.11	1.17	32.87
March	2.74	1.97	3.45	2.48 (2.00)	1.22	.87	5.17	3.78	.19	1.61	25.48
April	4.83	1.16	4.37	4.69 (4.40)	3.07	3.71	2.30	2.35	.93	3.13	34.94
May	1.64	2.55	1.35	2.74 (4.10)	4.81	3.91	1.66	1.71	2.67	2.52	29.66
June	1.79	.16	1.68	.35 (3.50)	.00	3.31	3.45	3.37	1.98	.64	20.33
July	6.56	.52	6.21	1.46 (5.40)	3.75	2.48	3.43	2.23	1.89	2.79	37.22
August	2.02	2.85	4.20	3.27 (3.00)	4.06	1.88	4.50	3.72	2.89	4.19	36.07
September	2.72	1.38	2.20	2.44 (6.10)	3.92	1.12	7.65	1.63	.38	3.51	33.05
October	3.84	.91	1.39	7.33 (5.20)	5.38	3.13	3.05	8.03	.54	2.12	45.72
November	2.26	2.99	2.58	2.15 (3.80)	2.76	8.27	5.06	4.01	10.55	5.62	50.05
December	4.19	2.59	6.11	3.89 (6.70)	4.64	.43	5.18	3.86	10.13	3.22	50.94
TOTALS...	39.76	22.18	43.56	39.65 (48.60)	45.05	38.36	51.07	44.79	38.97	37.14	449.13

1920 Wall 12 ft high 16 yds W unsheltered

1926 fruit trees 12 ft. high 18 ft. W.

1930 Inspected October 14th. Gauge somewhat unduly sheltered, exposure would be improved by moving about 5yds away & setting up turf for a yard round. Recommended that standard instruments be used.

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

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	57° 5'	1°	Tisted	1 mi	E	St. James E. Tisted	1/2 mi E

RAINFALL at

East Hinton (Rotherfield Park)

County of Hants.

Observer Capt. T.B. Scott.

River Basin Itchen & St. Head S.

Type of Gauge M.O.

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

896899/29

Diameter	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS											

*Transferred to Hants/7.**N° 738/8.*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

RAINFALL at East Tisted (Rotherfield Park)

County of Hampshire Observer Capt. J. B. Scott

River Basin Thames - 15

Type of Gauge M. O.

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

Ref.

896899/29

Diameter	5	Height	1.0	Altitude	550							Totals Means
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.82	4.60	2.98	3.15	.87	6.94	8.84	4.27	6.87	3.00	4434	
February	2.53	2.23	6.94	.15	4.33	3.26	6.10	7.5	1.98	3.77	3004	
March	1.44	2.36	6.78	3.40	.93	2.68	4.95	.39	1.82	3.89	2664	
April	3.93	4.35	1.28	3.13	3.80	2.78	3.31	.08	2.73	1.36	2675	
May	3.07	4.77	2.26	1.05	1.36	.65	3.34	2.09	1.75	.55	2119	
June	2.03	2.72	2.04	1.55	4.86	3.14	1.24	.88	1.83	.32	2061	
July	4.36	4.02	2.87	2.35	1.11	4.24	1.20	2.58	4.65	3.50	3038	
August	5.98	1.29	1.12	3.22	2.65	1.31	1.29	1.96	2.32	.56	2170	
September	2.32	3.87	3.92	2.85	5.05	2.96	2.25	1.63	1.13	1.30	2778	
October	.60	6.77	2.36	1.96	5.23	1.88	4.42	3.99	6.00	6.70	3991	
November	5.62	2.29	0.98	3.48	8.62	4.48	2.81	5.61	6.92	7.26	4802	
December	.96	1.39	0.90	10.70	4.36	3.94	4.40	4.33	2.47	2.31	3576	
TOTALS	344.66	38.66	32.88	37.29	43.67	38.26	44.15	28.56	40.47	34.52	37312	44

1931. 9' hedge 5 yards in accordance with Sec. 5 A { 896899/29
{ Sec. End. 9 A

N.B. Transferred from Santo/5. No 723. 1938.

1936. Hedge 9' high 15' N.
1937 Walled hedge 5' 6" high 16' N.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.			Tisted	2 miles	E	Tisted	2 miles

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 738/2

RAINFALL at East Tisted (Rotherfield Park)

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County of Hampshire

Observer Lieut. J. B. Scott

River Basin Hampshire Wey - 7

B.P. 1950

Type of Gauge. M.A.O. 96 in. 1925. 7 Standard Plumb.

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

" 37.1 in computed by Mr. Cornish (1930) File No. 896899/29
ref. 961245/36

Diameter	5"				280	369					
Height	1' 3"					1		1' 0"			
Altitude	555'	500'				41		555'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.36	3.68	6.90	2.75	2.19	3.77	3.41	7.73	1.37	1.19	Totals 36.35
February	3.88	.59	1.82	.92	3.10	3.37	2.14	1.72	2.15	6.14	25.23
March	4.38	2.63	.79	.30	.74	1.44	6.63	1.25	1.93	2.44	22.53
April	2.44	2.53	1.14	1.88	1.61	2.82	3.04	2.12	2.44	2.61	22.63
May	3.02	4.09	3.82	.86	2.08	4.14	1.58	4.04	2.92	2.37	28.92
June	1.98	.08	1.63	2.59	2.86	4.43	2.36	3.22	.99	1.76	21.90
July	4.41	2.55	3.03	2.84	4.15	2.15	1.26	1.67	1.21	5.62	28.87
August	6.23	3.70	2.13	1.55	1.46	5.55	.47	5.82	1.77	4.55	33.23
September	.20	2.57	1.73	2.03	2.72	6.21	1.90	3.01	1.90	4.14	26.41
October	1.23	3.52	4.61	4.85	4.69	1.38	1.38	2.95	8.69	.90	34.20
November	4.01	2.33	2.25	6.00	.72	7.54	1.98	1.89	4.21	7.68	38.61
December	2.67	5.57	2.36	3.40	5.85	4.46	3.57	6.31	3.03	2.16	39.38
TOTALS	37.81	33.84	32.21	29.97	32.17	47.26	29.72	41.73	32.61	41.56	353.88

1948 Trees 25' high 20° E., Hedge 6' high 10° N.

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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	Direction
1941 1948			E. Tisted	1m.	E	E. Tisted	1/2m.	E.

Station No. 738/8

M.

RAINFALL at East Tisted (Rotherfield Park)

County of Hants

Observer Col. J. B. Scott

River Basin. thames - Wey - 7

Type of Gauge. H.O.

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

X - 37.1 in computed by Mr Cornish (1936) ref. 561245/36 File No. 896899/29

Diameter	Based on 25 years obs. within 1931-56.										Period of average	1916-1950, S.
Height												
Altitude											51	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January	5.26	3.28	1.06	2.51	2.58	5.09	3.06	4.21	3.42	4.53	35.50	
February	7.94	.95	2.05	2.54	1.90	.19	4.58	2.87	.33	4.39	28.73	
March	5.82	2.82	.70	3.44	1.51	.96	3.07	1.83	3.76	1.92	25.83	
April	3.64	1.91	3.09	.36	.34	1.60	.31	.16	4.21	1.11	17.53	
May	2.85	3.63	3.43	2.70	5.43	.48	1.61	2.80	.73	1.75	26.41	
June	2.05	1.62	2.74	4.05	3.29	3.00	1.40	4.00	1.17	2.26	25.58	
July	2.00	1.28	3.96	3.65	1.61	4.02	5.50	2.04	3.07	4.64	31.77	
August	5.97	3.52	2.54	4.38	.63	5.04	4.31	4.29	3.30	4.12	38.10	
September	3.85	3.15	3.72	3.96	2.34	4.15	4.14	3.23	.16	5.23	35.93	
October	1.17	5.44	4.70	3.96	6.78	2.80	2.53	3.76	3.43	9.48	43.05	
November	9.85	4.43	2.16	6.92	3.64	1.02	3.73	2.79	4.41	6.18	45.03	
December	3.70	3.29	.77	3.57	4.33	6.19	3.52	4.48	8.15	5.27	43.27	
TOTALS	55.10	35.32	30.92	43.04	33.28	34.54	37.76	39.26	36.64	50.87	396.73	
	D	D	D.	P	NP	D	D	D	D	D	D.	

1951 General hedge 8' high 15' N.

Jan 1954 Top. hedge late in shelter (but not much cover) above valley is reusable. 9. sec. Can be used. Hedgerow will take more snow than 1005-1010. 1006 & will give more depth.

1952 Jan 1" low obs conf 2.68 - record n.p. low, Advise adopt 3.58 inches.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SU(4)691322

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Tisted	1m.	E	E. Tisted	1m E.

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
	✓	✓ NR 24	✓	✓	✓
	π	✓	✓	✓	✓ but d 43.47