

RAINFALL AT Middleton Park

1058 70

Lat.

Lon.

County of

Oxford

Rain Gauge, by

Observer

W. B. Pope

Diameter.							6				
Height.							2.6				
Altitude.											
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.									1.61	2.78	
February.									1.64	3.20	
March. ....									.86	1.12	
April.									2.62	2.35	
May.									5.86	2.66	
June.									2.14	5.25	
July.									1.47	4.32	
August.									5.85	4.88	
September.									1.53	2.12	
October.									2.90	1.30	
November.									2.86	.73	
December.									1.63	.78	
TOTALS.							32.20	32.18	30.97	31.49	

RAINFALL AT *Middleton Park*

Lat.

Lon.

County of *Oxford*

Rain Gauge, by

Observer *Mr. B. Hope*

6x3

Diameter	6		5								
Height	2.6										
Altitude					390			380			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....	.43	.92	1.44	2.63	2.63	2.23	3.28	2.61	.84	.72	1.773
February....	2.77	2.89	1.52	4.18	1.28	2.96	.91	.83	1.99	2.11	2.144
March	1.95	1.95	1.86	1.12	1.84	1.14	2.15	1.38	2.91	1.61	1.791
April	1.80	.60	3.86	.99	1.55	1.81	1.95	1.09	1.97	2.55	1.817
May .....	.85	3.74	1.20	1.65	.89	2.15	4.32	1.84	1.38	3.95	2.197
June	1.60	1.91	3.77	3.81	2.10	2.21	1.09	1.52	1.99	.88	2.088
July	6.60	2.29	2.98	4.48	2.17	.17	4.63	1.28	5.31	3.41	3.332
August .....	.40	5.71	2.19	.92	1.06	2.62	1.80	1.20	1.94	2.36	2.020
September....	4.07	1.39	3.28	4.46	1.32	4.63	2.45	2.72	1.26	2.41	2.799
October	6.32	2.24	5.98	2.00	1.21	3.94	4.38	2.08	.79	3.33	3.227
November....	1.85	3.57	4.16	3.04	1.86	4.09	2.29	2.26	5.43	1.18	2.973
December	2.82	3.92	3.08	.81	2.38	.93	14.44	1.64	2.33	1.52	2.387
TOTALS	31.46	31.13	35.32	30.09	20.29	28.88	33.69	20.45	28.14	26.03	28.548

1883 All Saints Church $\frac{1}{4}$ m S.W.
Wall 18 ft high 24 ft S.

RAINFALL AT Bicester Middleton Park

Lat. _____

Lon. _____

 County of Oxford

Rain Gauge, by _____

 Observer Mr B Hope T. Wolfe
R. H. East 1900
R. 213

Diameter	5											
Height	2 6											
Altitude	380						336					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.46	1.85	.66	2.24	2.05	2.98	1.05	2.31	.64	3.55	1.979	
February ....	.72	.01	.81	2.50	2.01	.18	.39	3.10	1.27	2.79	1.848	
March	1.13	1.17	.61	.28	1.80	1.76	2.72	3.56	.80	.54	1.434	
April	1.82	.95	.75	.19	1.68	1.98	.74	1.53	1.75	1.91	1.330	
May	1.54	3.85	1.31	1.28	2.05	.20	.33	1.30	3.05	1.45	1.606	
June	2.10	1.26	2.14	.85	1.86	.82	2.07	2.49	1.34	1.09	1.602	
July	3.63	3.13	2.36	3.75	3.05	3.22	1.32	.63	.92	.89	2.290	
August	2.57	5.18	2.70	1.50	2.39	2.12	2.01	4.21	1.87	1.01	2.556	
September....	1.33	.96	2.68	.77	2.55	.80	5.43	2.35	.86	2.36	2.009	
October.....	1.37	6.49	4.00	2.25	3.65	3.07	3.17	1.80	4.70	3.07	3.357	
November....	2.24	2.16	1.89	2.11	4.24	4.20	1.07	1.41	2.33	2.47	2.412	
December ....	.70	3.84	1.08	2.03	2.23	2.35	3.86	3.00	2.85	1.67	2.861	
TOTALS	21.61	30.85	20.99	19.75	29.56	23.63	24.16	27.69	22.38	22.80	24.342	

1890 all Saints Church 500 yards S.E.

Wall 16 ft high 20 ft B

1894 Gauge 23 ft . 28 ft N

RAINFALL AT Bicester Middleton ParkLat. $51^{\circ} 14' N$ Lon. $1^{\circ} 14' W$ County of Oxford

Rain Gauge, by

Observer R. H. C. of Jersey

R. 203

Two Tolls to Mr. C. W. Penny

Diameter ..	5										
Height	2 6										
Altitude ..	336 ft	325 ft				338					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.36	1.07	.64	2.60	3.48	.91	4.27	.88	1.46	1.03	1.970
February ..	5.21	1.51	1.30	.86	3.72	.64	1.90	1.51	.91	.52	1.808
March ....	.56	1.88	1.46	3.59	1.38	2.81	1.30	.97	2.68	2.50	1.913
April .....	.86	2.19	1.45	2.31	.84	1.98	.54	2.59	3.87	2.09	1.872
May	1.76	1.45	1.92	5.57	2.88	.65	1.71	2.49	1.48	2.02	2.193
June	1.98	1.47	1.83	4.65	.73	3.67	3.49	2.17	1.55	5.74	2.723
July	1.94	4.45	1.22	3.48	2.29	.56	1.13	2.23	1.92	3.23	2.245
August	4.30	2.21	2.89	3.43	1.62	3.77	.80	2.10	2.95	3.22	2.729
September ..	.44	1.46	2.00	2.25	1.84	.87	1.12	.61	1.78	3.47	1.584
October	2.15	1.83	1.80	6.67	.82	1.19	5.01	5.13	1.13	4.05	2.978
November ..	1.94	.86	2.34	1.60	1.42	3.25	3.44	2.19	1.02	.67	1.873
December ..	3.44	3.86	1.72	1.29	1.65	.99	1.88	3.84	1.97	3.08	2.372
TOTALS ..	27.94	24.24	20.57	38.30	22.67	21.29	26.59	26.71	22.72	31.62	26.265

1900 Middleton Storey Church $2\frac{1}{2}$ furlongs ESE
 Cottage 23 ft high 23 ft N
 Nayford Station $3\frac{1}{2}$ miles N.W.
 1908 Bicester Station 4 miles SE

RAINFALL at Bicester Middleton ParkCounty of OxfordshireObserver The Earl of JerseyRiver Basin Thames. Cherwell 33 w. Perry
3 add. ch
w. 2 little

Rain Gauge, by _____

Diameter ...	5											
Height	2.6											
Altitude ...	326 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.85	1.30	4.08	3.74	.60	2.74	1.44	1.60	2.28	3.34		1916 1919
February ...	3.29	1.56	2.55	1.17	2.38	3.55	3.92	1.38	1.57	2.89		8.76
March .....	.88	2.20	3.34	3.11	3.70	1.19	5.23	2.03	.65	4.59		9.76
April	2.59	1.25	.03	3.63	1.04	.78	1.33	1.29	3.08	2.73		12.50
May	1.89	1.90	2.35	2.05	1.02	2.71	2.01	2.44	2.34	.45		8.43
June	2.74	1.61	2.59	.69	2.40	1.49	2.23	1.91	.91	.97		7.24
July	1.23	.43	3.49	.69	2.26	5.83	2.69	2.97	3.56	2.28		6.02
August	2.47	1.12	6.17	.70	2.08	1.28	4.02	4.87	1.37	2.57		11.48
September ..	.47	1.63	1.23	2.27	1.36	2.40	.76	2.06	5.70	1.93		12.83
October ...	3.41	2.81	3.19	4.01	2.72	2.45	3.85	4.00	1.80	1.87		10.45
November ..	4.00	3.19	1.75	2.79	2.71	2.58	3.92	.97	2.22	1.43		11.52
December ...	5.78	5.14	3.67	1.15	5.45	4.94	3.04	1.04	2.74	5.11		8.54
TOTALS ...	31.60	24.14	34.44	26.03	27.72	41.94	34.44	26.56	28.32	30.16	29.35	11.93

1910 gauge moved May 92 1/2 ft N
 College 23 ft high 92 1/2 ft N

(1915 Record read. x.ii. 'xx.)

1915 read 8. xii. 20 entered 8. xii. 20

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910 1911	51 3/4	1 1/4 W	Bicester andley	4 2 1/2 m	ESE N	Middleton bury	2 1/2 fm	ESE

RAINFALL at Bicester, Middleton ParkCounty of OxfordshireObserver The Earl of JerseyRiver Basin Thames-Cherwell 3.T. Bradduck (gdmr) (22)

Rain Gauge, by

OLD GAUGE.

Diameter ...	5"										5
Height	2 6										1.3.
Altitude ...	326			335	326						376.
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.36	2.58	2.77	1.58	2.88	1.53	3.54	2.48	4.17	1.44	3.07
February ...	.75	.52	2.78	4.36	.39	3.25	2.22	3.66	1.98	.65	.79
March	2.06	1.00	1.83	2.04	1.02	.47	.50	2.74	1.75	.05	1.34
April	5.08	1.10	3.58	2.47	3.27	2.24	3.73	1.67	1.11	1.57	2.55
May	2.03	1.57	1.38	1.21	5.71	2.90	2.52	1.25	.64	1.80	1.85
June	2.46	.30	1.22	.33	2.79	.05	3.36	3.42	2.20	1.02	1.16
July	4.75	.49	5.37	2.07	3.34	6.17	2.38	3.81	2.66	1.46	3.23
August	1.35	1.66	4.81	2.27	2.42	2.50	1.14	4.05	2.01	1.15	2.79
September...	2.10	1.86	1.71	2.75	3.98	3.68	1.40	5.89	.84	.28	3.17
October	1.90	1.44	.69	4.14	3.42	3.43	2.27	1.75	3.86	3.48	1.26
November...	1.23	1.90	1.46	1.43	2.14	1.89	5.30	2.53	3.28	(7.15)	4.32
December...	2.77	1.75	3.13	3.00	4.36	2.17	.51	2.98	2.63	(5.6)	3.48
TOTALS...	28.84	16.19	30.73	27.65	35.72	30.28	28.87	36.23	27.18	25.66	27.79
	D	D	D	D	D	D	D	D	D	D	Imp.

1920. Cottage 23ft high 93ft N.

1929. Record from old gauge at 2'6" till Oct; Nov + Dec from new gauge at 1' - see next sheet.

1930. G. read gann. winter summer.

well forming

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Arley	2 1/2 mi	N	Middleton Stoney	2 1/2 mi	E.S.E.
								E.S.E.

RAINFALL at Middleton Park GardensCounty of OxfordshireObserver The Earl of JerseyRiver Basin Thames - Cherwell 3.per T. Gadducke Gdnr.

Rain Gauge, by.....

NEW GAUGE

Diameter										5	
Height										1 0	1.3.
Altitude										326	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January T											3.07
February .....											.79
March											1.34
April											2.55
May											1.85
June											1.16
July											3.23
August											2.70
September											3.17
October											1.26
November										7.15	3.48
December										5.61	3.19
TOTALS										imp	27.79.

Set up for comparison with old gauge at 2'6" - see previous sheet

1930. Cottage 28' high 92½' N.

G. read 9 am winter summer.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Middleton Park (No. 9.)County of OxfordshireObserver The Earl of Jersey.River Basin Thames-Cherwell-3Type of Gauge Singh's M.O. (1939)Annual Average 25.84 in. based on 35 years obs. un-weighted. Period of average 1981-1915 Ref. A.W. Suck-9792472

Diameter	5.										
Height	1.0.										
Altitude	326.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means- Totals
January	1.57	1.58	1.94	2.15	.52	3.67	(370)	2.93	4.86	2.72	25.64
February	2.03	1.0	2.71	.35	2.27	1.86	(4.00)	.85	.93	2.22	17.42
March	.14	1.68	2.58	1.82	.61	1.87	(2.60)	.22	1.96	2.76	16.24
April	3.48	2.05	1.21	1.83	3.38	1.66	(2.90)	.00	3.11	1.75	21.37
May	3.58	6.74	2.55	.56	1.41	.61	(2.60)	1.87	1.28	1.96	23.16
June	2.83	.90	2.80	1.26	3.95	3.04	(1.10)	1.38	2.45	1.02	20.93
July	3.57	2.08	1.44	.77	.57	4.83	(1.80)	1.57	4.52	2.74	23.89
August	2.55	2.76	.76	1.76	2.10	.45	(.60)	2.83	3.72	.02	17.55
September	2.53	2.81	2.20	3.29	4.49	3.49	(2.40)	3.38	.46	.88	26.13
October	.64	3.88	1.67	1.63	3.92	1.78	(2.80)	3.59	6.35	3.12	29.38
November	3.53	1.54	1.10	1.88	4.52	2.23	(1.60)	3.22	4.42	7.58	31.62
December	1.07	.69	.34	6.26	3.41	2.35	(1.60)	3.40	1.70	1.29	23.11
TOTALS	27.52	26.8	21.30	23.56	31.25	27.84	2770 N.R.	25.24	36.16	28.06	275.44
	D	D	D.	D.	D.	D	D	D	D	D	

1931 Cottage 23 ft. high 98 ft. N.

Inspected 22/3/33, clear space should be left round gauge free of crops.

1938. up late

1940 Jan. 18 gauge moved 54' N. Cottage 23' high 38' N.

and again they find

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			Andley	2 1/2 mi.	N.	Middleton Stony	2 1/2 mi.	E. S. E.

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

RAINFALL at Middleton Park (old)County of Oxford Observer The Earl of JerseyRiver Basin 3- Thames. ChertseyType of Gauge M.O.Annual Average 26.8 in. based on 50 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. Survey

579024/28.

Diameter	5	5										
Height	1' 6"	2' 6"										
Altitude	326'	326'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January		1.67										
February		.14										
March		1.72										
April		2.14										
May		6.85										
June		.90										
July		2.18										
August		2.77										
September		2.86										
October		3.95										
November	3.70	1.57										
December	1.14	.71										
TOTALS	insp	27.46	# N.R.T									

1931 Readings not available for Oct.

1932. Cottage 28' high 92 N.

Inspected 15/33. Gauge sound. Recommended discontinuance at end of 1933
(encl. 35A on file)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
1932			Andley	2½ m	N.	Middleton Stoney	2½ fms.	ESE.

Station No. 1058

RAINFALL at Middleton Park

41

County of Oxford

Observer The Earl of Jersey

River Basin Thames-Cherwell-3

A.C.T. Val. Exp. (1946)

Type of Gauge M.O.

gaur: R.A. Cunningham

Annual Average 25.84 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.

File No. 879024122

Diameter	5"			259	496					5"	
Height	1' 0"							1' 6"		1' 2"	
Altitude	326'							300'		326'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	3.01	3.36	4.12	1.58	1.57	2.00	1.53	3.57	.92	.48	22.14
February	2.39	.75	.83	1.11	1.83	2.03	(1.50)	1.30	1.24	4.19	17.17
March	2.45	2.17	.74	.21	1.03	1.06	6.28	.37	1.49 1.29	1.10	16.90
April	1.59	.82	.54	2.14	1.18	1.33	1.85	2.19	1.34	2.33	15.31
May	1.89	3.31	2.27	1.22	3.39	3.31	1.38	5.39	1.70	3.17	27.03
June	1.94	.10	1.41	1.77	2.28	2.23	.75	2.26	.46	1.71	14.91
July	6.08	1.61	.45	2.94	2.09	.95	1.92	.82	1.31	4.01	22.18
August	4.80	3.79	1.87	1.79	1.34	4.34	.46	4.05	1.13	4.17	27.74
September	.49	1.03	2.01	2.66	1.74	3.52	(1.58)	3.06	1.98	3.05	21.42
October	1.24	3.78	2.35	3.90	2.99	1.16	(.39)	3.16	5.00	.50	24.47
November	2.58	2.17	1.63	3.64	.14	6.01	1.48	1.32	2.52 2.57	3.93	25.49
December	1.54	3.22	1.04	1.49	3.47	2.39	2.15	3.27	1.35	.64	20.56
TOTALS	30.00	26.11	19.26	24.45	23.05	30.63	21.27	30.76	20.51 20.39	29.28	2553.2

1941 Cottage 23' high 38' N

1947 Feb. cut for snow. Sept. & Oct. app. ref. snow stns.

1950 Stone wall 12' high. 12 yds N.

Annual total printed will query
20/1/44Position 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.
1941			Andley	2½ m	E.S.E.	Middleton PK.	2½ fur	E.S.E.
1948			do	2½ m	N	do.	3½ fur.	N.E.
1950			Bicester	3½ m	E	Middleton	½ ml	S.E.

BRITISH RAINFALL ORGANIZATION

RAINFALL at MIDDLETON PARK

51

County of OXFORD

Observer R. S. V. E. *
The Head Gardener

River Basin THAMES COTSWOLD - 3

Type of Gauge M.O.

Annual Average 25.8 in. based on 35 years obs. unweighted. Period of average 1881-1915 Ref. R.W.S.
" - 27.25 - " 26 - " 1930-55. " - " 1916-1950 879024/28 S.
File No.

Diameter in.	5			259	496							
Height ft. in.	1 2				1							
Altitude ft.	326				51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January	(2.93)	1.86	.98	.69	2.68	3.46	1.83	3.08	4.33	3.66	25.48	
February	(3.22)	.59	1.54	2.85	.98	.36	3.33	2.94	.04	2.25	18.10	
March	3.17	2.56	.55	3.00	1.37	.99	2.11	2.21	3.09	1.24	30.29	
April	2.59	1.77	1.79	.44	.88	1.34	.34	.51	2.66	.74	13.03	
May	2.96	3.45	1.70	3.81	4.15	.34	2.08	2.34	.55	1.26	22.64	
June	1.40	2.50	1.72	2.98	2.76	2.31	1.89	2.08	1.07	4.00	23.31	
July	1.68	.33	2.75	2.57	.15	1.50	3.64	2.29	1.93	4.98	21.82	
August	(4.25)	4.12	4.11	3.50	.46	2.93	2.23	4.29	1.38	2.61	29.88	
September	2.76	1.03	1.45	2.41	1.57	2.18	3.67	4.30	.09	4.26	23.72	
October	.93	3.67	2.89	2.04	1.41	1.78	1.98	2.31	2.68	6.30	25.99	
November	5.42	3.68	1.28	4.75	1.76	.86	1.87	2.56	1.71	4.00	27.89	
December	1.49	2.38	.84	1.83	2.20	3.27	2.54	2.81	4.67	4.18	26.21	
TOTALS	(32.80)	27.94	21.60	30.86	20.37	21.34	27.51	32.32	24.19	39.48	278.36	
	d	d	d	d	d	d	D	D	d	d		

1951 WGN 12 ft. high, 30 ft. N.

60204

* forms to the Agent (see a.c.)

* Gardener: R. D. CUMMINGHAM, gone away 1954. He will die. Head Gardener aban.

Position of Station on Ordnance One-Inch map:

No. of Map:

National Grid Reference

SP (42) 525234

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Tricenter	3 1/2 mi. E.	Middleton	1/2 mi. SE.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓ NP imp 30	✓ NR 37 NP 38	✓	✓
	✓	✓	✓	✓	✓