

METEOROLOGICAL OFFICE.

RAINFALL 1961-1970 1907-1909

Station WHITELANDS HATFIELD PEVEREL No. 15-234012
 County ESSEX. (Old No. 1293/4)
 Authority Grid Ref.
 Altitude ft.
 River Basin Tributary

File TF MWR / m / a

	1961	1962	1963	1964	1965	1966	1967	1968 1907	1969 1908	1970 1909	Means
January ...								1.67	1.32	1.80	
February ...								1.92	1.41	1.71	
March ...								1.82	2.87	2.92	
April ...								2.93	2.80	1.76	
May ...								2.62	1.48	1.12	
June ...								2.42	2.33	3.72	
July ...								1.66	2.95	2.35	
August ...								1.77	2.70	2.34	
September ...								1.48	1.71	2.77	
October ...								3.12	1.63	4.16	
November ...								3.15	1.07	1.47	
December ...								2.45	2.33	3.39	
TOTAL ...								22.53	22.00	28.42	
Percentage ...											

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.
 1916-1950 in.
 in.

Type and capacity of gauge

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

ENTERED TO DAY OF READING!

Earliest year with complete data (D : W : M).

*NOTES on years with incomplete or unsatisfactory data:-

Back data recd. 17/1/68

*Each note to be dated. Continue notes overleaf if necessary.

METEOROLOGICAL OFFICE

RAINFALL 1961-1970 1910-1919

Station WHITELANDS, HATFIELD PEVEREL No. 15-234012
 County ESSEX. (Old No. 1293/4)
 Authority _____ Grid Ref. _____
 _____ Altitude ft.
 _____ River Basin _____
 File TF. / MWR / m / a Tributary _____

	1961		1962	1963	1964	1965	1966	1967	1968	1969	1970	Means
	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1919	
January ...	1.46	1.17	2.57	3.22	1.26	2.67	1.28	1.21	3.03	2.43		
February ...	2.13	1.83	1.40	1.7	2.05	2.85	3.74	.77	1.67	2.97		
March ...	1.10	2.21	2.56	1.57	4.26	1.05	11.30	1.85	1.46	2.55		
April ...	1.68	.97	.33	2.22	.86	.64	1.12	1.82	3.30	3.61		
May ...	3.33	.61	1.43	1.87	1.19	2.21	1.74	2.13	1.40	.63		
June ...	2.13	2.31	1.63	1.65	1.70	.48	1.61	.82	.62	1.26		
July ...	2.47	.36	1.62	1.86	2.08	4.21	.95	2.67	5.54	1.95		
August ...	2.95	1.00	4.49	.17	.90	2.79	1.26	3.64	1.11	2.44		
September ...	1.18	1.49	2.91	1.87	.99	1.77	.74	.80	3.11	.98		
October ...	1.41	2.59	1.88	3.77	1.32	.59	2.71	3.46	1.82	.78		
November ...	3.40	3.51	1.77	2.89	2.12	3.21	1.49	1.66	2.43	1.56		
December ...	4.26	3.97	2.49	.67	6.23	4.37	2.89	1.38	2.07	3.21		
TOTAL ...	27.41	21.52	25.26	21.93	24.96	26.84	29.83	21.91	25.66	24.87		
Percentage ...												

AVERAGE ANNUAL RAINFALL

Actual Estimated from data for:-

1881-1915 in.
 1916-1950 in.
 in.

Type and capacity of gauge

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

ENTERED TO DAY OF READING!

Earliest year with complete data (D : W : M)

*NOTES on years with incomplete or unsatisfactory data:-

Back data record 17/1/68

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METEOROLOGICAL OFFICE

~~RAINFALL 1961-1970~~

1920 - 1930

Station WHITE LANDS
 County ESSEX
 Authority _____
 No. 15-234012
 (Old No. 1293/4)
 Grid Ref. X 1293/3
 Altitude _____ ft.
 River Basin _____

File	HATFIELD	PEVEREL	TF.	/	MWR	/ m	/ a	Tributary	BURY FARM	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	Means
										1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	2.25	1.71	2.60	1.48	2.90	1.42	2.04	1.21	2.44	1.07	1.56							
February	-1.44	-1.19	1.50	2.76	-7.0	1.99	2.28	3.23	1.08	-93	-90							
March	-1.92	-1.86	1.32	1.34	-7.0	-94	-16	1.71	1.67	-83	1.56							
April	3.63	1.64	2.32	1.65	2.25	1.50	1.17	2.22	1.35	1.33	2.38							
May	1.23	-1.82	-1.86	1.12	3.39	2.80	1.16	-96	2.27	1.20	1.96							
June	-1.92	-0.09	1.31	-7.9	1.63	-42	2.29	2.50	2.10	-58	-66							
July	3.16	-1.18	2.65	7.7	2.97	2.65	1.85	2.99	1.93	1.80	3.42							
August	2.43	1.84	1.48	2.92	2.13	3.21	-92	2.91	2.88	1.33	2.28							
September	3.87	2.10	1.66	1.67	2.55	2.87	-89	3.57	-66	-33	3.69							
October	-1.72	-1.98	1.62	4.06	3.96	3.05	2.39	1.67	2.80	2.70	-91							
November	-1.57	1.56	1.13	2.51	2.97	1.80	3.96	2.43	1.78	3.73	3.34							
December	2.41	1.21	-1.90	1.72	2.87	1.97	-55	2.31	2.96	3.82	2.27							
TOTAL	22.56	13.18	20.35	21.90	29.12	24.82	22.66	27.76	23.92	18.75	24.96							
Percentage																		

AVERAGE ANNUAL RAINFALL

Actual Estimated from data for:-

1881-1915 in.
 1916-1950 in.
 in.

Type and capacity of gauge

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

ENTERED TO DAY OF READING!

Earliest year with complete data (D : W : M).

*NOTES on years with incomplete or unsatisfactory data:-

Back data record. 17/1/68

*Each note to be dated. Continue notes overleaf if necessary.

METEOROLOGICAL OFFICE,

RAINFALL 1961-1970 1931-1940

Station WHITELANDS BURY FARM No. 15-234012
 County ESSEX (Old No. 1293/143)
 Authority _____ Grid Ref. _____
 _____ Altitude ... ft.
 _____ River Basin _____
 File _____ TF. / MWR / m / a Tributary _____

	1961 1931	1962 1932	1963 1933	1964 1934	1965 1935	1966 1936	1967 1937	1968 1938	1969 1939	1970 1940	Means
January ...	1.89	1.89	1.86	1.52	2.13	2.91	3.64	2.72	6.04	1.38	
February ...	1.94	.51	1.14	.22	2.03	2.17	3.92	.68	.56	1.37	
March69	1.03	1.46	1.53	.44	.74	3.16	.45	2.34	3.08	
April ...	2.76	1.92	.52	1.93	2.39	1.44	3.14	.31	2.38	1.73	
May ...	2.52	4.15	1.82	.49	1.22	.78	2.80	1.77	3.85	1.25	
June ...	1.46	.68	1.19	1.13	2.92	2.34	2.16	.77	1.52	.63	
July ...	1.76	2.66	1.14	1.43	.58	2.79	1.41	1.19	3.21	3.24	
August ...	3.63	.97	.21	1.42	1.95	.86	.69	1.73	3.79	.05	
September ...	1.37	1.78	2.26	.93	2.90	2.19	1.37	2.29	.66	1.54	
October75	5.61	1.61	1.55	2.12	1.39	1.48	2.65	6.80	2.29	
November ...	1.83	1.10	1.34	1.92	1.07	3.43	1.73	2.87	4.04	3.48	
December71	.36	.34	3.80	2.30	1.73	3.69	2.59	1.07	1.66	
TOTAL ...	24.24	21.12	14.54	17.17	24.95	24.27	29.19	26.05	31.26	24.52	
Percentage ...											

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.
 1916-1950 in.
 in.

Type and capacity of gauge

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

ENTERED TO DAY OF READING.

Earliest year with complete data (D : W : M).....

*NOTES on years with incomplete or unsatisfactory data:-

Back data 17/1/68

*Each note to be dated. Continue notes overleaf if necessary.

METEOROLOGICAL OFFICE,

RAINFALL 1961-1970 1941-1950

Station WHITELANDS (BURY FARM)County ESSEX

Authority _____

No. 15-234012(Old No. 1293/443 ^{key notes})

Grid Ref. _____

Altitude ft.

River Basin _____

File _____

Not for banking

TF. /

MWR /

m /

a /

Tributary _____

	1961 1941	1962 1942	1963 1943	1964 1944	1965 1945	1966 1946	1967 1947	1968 1948	1969 1949	1970 1950	Means
January ...	2.04	1.93	3.59	1.27	1.40	.84	1.73	3.01	1.55	1.55	
February ...	1.80	.75	2.91	1.03	1.65	2.03	1.70	1.34	1.03	3.51	
March ...	3.53	1.93	.32	.28	.97	1.06	3.60	.58	.81	.52	
April ...	1.35	.96	.85	1.57	.96	1.12	1.31	2.77	1.03	1.29	
May ...	1.07	1.98	1.91	.76	2.39	1.84	.66	2.83	1.45	1.48	
June68	.28	2.32	1.87	1.62	2.91	3.03	1.78	.58	1.51	
July ...	2.71	1.65	1.61	2.74	1.85	3.34	3.45	.97	1.20	2.28	
August ...	3.46	1.59	1.96	2.62	1.55	3.19	.27	3.44	1.15	1.85	
September47	1.25	1.39	2.61	1.86	1.97	1.69	1.26	1.90	2.53	
October ...	1.35	3.41	1.78	3.97	1.82	1.09	.26	1.69	1.93	1.14	
November ...	2.35	2.30	1.59	3.29	.96	2.46	.94	2.14	2.23	3.75	
December ...	1.31	2.42	1.60	1.37	2.67	2.16	2.16	1.15	1.05	1.52	
TOTAL ...	23.46	26.58	21.73	22.98	19.74	23.56	19.79	21.82	18.93	21.34	
Percentage ...											

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.

1916-1950 in.

..... in.

Type and capacity of gauge _____

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

ENTERED TO DAY OF READING!234012 is number for NGR TL 783 135 (1293/44)Bury Farm appears to be at NGR TL 786 117

Earliest year with complete data (D : W : M) _____

*NOTES on years with incomplete or unsatisfactory data:-

Backdata revd. 17/1/68

*Each note to be dated. Continue notes overleaf if necessary.

Station No. 1293/3

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RAINFALL at HATFIELD PEVEREL (BURY FARM)

County of ESSEX

Observer W.D. GOLDSMITH, Esq.

River Basin 4 - BLACKWATER

Type of Gauge B.A.

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

File No. E 7840/48

Diameter							5"				
Height							1'				
Altitude							130'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January							#	1.64	2.69	1.10	1.35
February								1.70	1.34	1.02	3.01
March								3.64	.86	.77	.52
April								1.85	1.85	1.05	1.50
May								.58	2.02	1.46	1.43
June								3.34	1.77	.52	1.51
July								3.14	.89	1.20	2.28
August								.27	3.48	1.77	1.47
September								1.68	1.32	1.28	2.71
October								.26	1.73	4.98	.29
November								.94	2.10	2.23	3.85
December								2.16	1.65	1.05	1.51
TOTALS								19.70 d	21.70 D	18.43 D	21.48 D

1948 Average 30' high 65° N.E., 10' high 65° 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.	Direction
1948			HATFIELD PEVEREL	1700'	N.E.	HATFIELD PEVEREL	4250'	S.E.

Station No. 1293/3

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RAINFALL at Hatfield Peverel (Bury Farm)

County of Essex

Observer W. D. Goldsmith, Esq

River Basin Blackwater - 4

Type of Gauge B.A.

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

File No. E7840/48

Diameter	5"										Means
Height	1' 0"										
Altitude	130'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	1.82	1.62									
February	4.62	.68									
March	2.60	3.12									
April	2.17	.74									
May	2.41	1.24									
June	.79	1.50									
July	1.32	.63									
August	2.55	#									
September	2.42										
October	.63										
November	3.79										
December	1.75										
TOTALS	26.87	INC									
	D	NP									

1951 House 30° 70' NE; Nissen hut 10° 70' N;
 1952 House 20° 60' N & 1293/4 NP incomplete.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TL 786117

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				C 47 ✓ Plnt d'47	

Station No. 1293/4

RAINFALL at

Hatfield Peverel (W.M.K.W.M.)

County of Essex

Observer W.D. Gossamer Esq.

River Basin H - Blackwater

Lord Rayleigh's Farms Incorporated

Type of Gauge Hadleydon (N.R.)

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref.
 " 22.62 " 5 " 1953-57 File No. E.7.2.12.1/4 S.

Diameter ...		5"	734012							5"
Height ...		1' 0"								1' 5"
Altitude ...		129'	130							130'
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960 Means
January ...				1.02	1.34	2.19	3.36	.99	2.17	1.85 2.11
February91	2.10	1.78	.50	2.04	2.95	.13 1.78
March52	1.73	1.10	.87	1.37	.70	1.56 1.34
April ...				1.74	.32	.15	1.07	.20	.99	2.33 .38
May ...				1.56	1.98	4.05	.43	1.02	2.29	.62 2.02
June ...				2.14	2.30	1.99	1.84	1.68	5.36	.60 1.51
July ...				2.99	2.80	.38	3.66	2.86	3.17	2.99 2.66
August ...				1.49	2.77	.82	5.09	1.69	4.31	.63 3.29
September ...				2.66	2.24	1.18	1.83	2.03	2.89	.07 4.23
October ...				2.02	2.39	1.50	3.92	1.42	1.48	2.07 1.77
November ...				3.73	.91	3.09	.68	.60	2.78	1.48 3.03
December ...				2.14	.70	1.29	1.44	2.03	1.88	2.91 4.30 2.52
TOTALS ...		INC	18.58	22.40	20.34	3				19.88 31.95
		NP	D	D	D	D	D	D	D	D

1952 January, 2000' further back, at the 2233P NP incomplete.

House 40', 150° E, Conifer 40', 80° N. Tree 30-40', 100-150' STF

1952 Pine

1954 House 40'@ 150° E. Conifer Tree 40'@ 80° N. Tree 30/40'@ 140°/50° S+E

In�eted 24-360 by 8ft holer. Evergreen 80'-80'SW → Evergreen. 60'-80'S → Pine 25°-45° SE
New site suggestion 50° SSE reasonable.

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Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TL(52) 783135

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1954			Hatfield Peverel	1660yds SSE	Tendring	1666yds NW.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
(62)	Wt. 13073-389	10m 6/50 T.S. 841				