

RAINFALL AT Kempford (Gloucestershire)

60

Ruby Farm, Fairford

R.S. Isles

Gloucester.

Rain (By .....

Gauge (Diameter.....5.....in.

Height above Ground, ..... ft. 6.5 in.

Above Mean Sea Level, ..... ft.

Windsor - 7.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEAN.
January .....			#	2.44	1.10	2.31	2.85	3.37	3.76	4.40	
February .....				.62	1.66	2.07	2.82	1.76	1.74	2.95	
March .....				.80	2.01	1.00	1.31	2.47	1.73	1.38	
April .....				1.17	1.41	1.08	2.16	2.49	1.59	1.03	
May .....				1.10	1.42	1.62	.79	2.72	.96	4.34	
June .....				4.11	1.22	1.98	3.40	2.55	.62	1.44	
July .....				.59	.61	3.55	2.16	3.03	1.19	.64	
August .....				3.37	.72	3.75	3.15	2.38	3.60	1.34	
September ...				2.82	2.37	.22	5.21	2.03	3.89	4.83	
October .....				3.34	1.76	4.72	2.05	2.88	2.08	1.55	
November ...				1.79	2.33	2.70	1.53	.87	1.91	2.44	
December .....				1.03	1.39	2.09	2.65	1.16	4.36	3.51	
TOTALS .....				23.18	18.00	27.09	30.08	28.21	27.43	29.85	

On an open space on grass free from trees

RAINFALL AT *Fairford, Beasy Farm, Kempsford*

Lat.....

Lon.....

County of.....

*Gloucester*

Rain Gauge, by.....

Observer.....

*R. H. H. Esq.**Windsor - 7.*

Diameter.....	5											
Height.....	8											
Altitude.....												
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.45	1.55	4.54	9.27	2.49	4.30	2.01	3.42	1.27	2.83	2.713	
February.....	1.61	1.04	2.24	1.14	1.95	1.71	2.87	1.60	1.26	3.63	1.905	
March.....	1.36	1.08	2.22	2.17	.97	.83	3.81	1.73	1.07	1.12	1.636	
April.....	.43	2.86	2.19	.74	1.20	1.41	2.85	2.50	2.73	2.28	1.919	
May.....	1.49	1.25	2.14	2.03	1.02	2.13	.36	2.33	4.24	2.66	1.965	
June.....	-.24	2.27	3.03	1.88	.58	2.71	1.78	1.12	2.28	4.23	2.012	
July.....	1.62	3.33	3.89	2.77	.66	5.05	.57	3.73	1.43	3.77	2.682	
August.....	2.73	.96	1.71	2.26	2.01	1.06	2.22	5.11	4.53	5.46	2.805	
September.....	.76	6.38	1.06	1.58	3.48	2.38	4.93	2.10	2.01	2.62	2.730	
October.....	2.48	1.46	3.31	2.27	2.93	8.21	1.35	1.98	3.55	.76	2.830	
November.....	1.72	-.61	4.89	1.77	2.43	4.20	3.45	3.40	2.41	.52	2.540	
December.....	1.74	1.07	3.00	.85	2.35	.84	5.95	1.85	1.47	.69	2.061	
TOTALS.....	17.63	24.66	34.22	22.73	22.07	34.83	32.15	30.87	28.25	30.57	27.798	

C C C

1870 Max fell in 24 hours 1.17 times in Aug. two days like one being 22<sup>nd</sup>

G on lawn free of trees or buildings

# RAINFALL AT *Fairford, Kempsford*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Gloucester*

Rain Gauge, by \_\_\_\_\_

Observer *P. A. H. Esq.*

*Windsor - 7.*

Diameter ....	5											
Height .....	8											
Altitude ....												
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	50	1.01	1.52	3.00	3.04	2.30	3.93	1.95	.65	.51	1.844	
February ....	2.80	3.32	2.17	3.16	1.55	3.10	.70	.71	1.51	1.52	2.054	
March .....	1.78	1.57	1.55	.94	1.82	.83	2.03	1.41	3.35	2.47	1.775	
April .....	1.82	.76	3.37	.74	1.28	1.61	2.52	1.47	1.72	2.81	1.810	
May .....	.86	1.08	1.87	1.69	.81	2.25	3.63	1.36	1.60	2.63	1.778	
June .....	3.21	1.90	3.20	3.99	2.90	2.00	1.00	1.58	2.48	.84	2.310	
July .....	5.15	2.31	5.04	2.62	2.78	.35	2.74	.94	4.24	3.42	2.959	
August .....	1.14	5.02	1.99	1.07	1.26	2.87	1.70	2.34	2.20	1.94	2.153	
September ....	3.68	1.78	3.16	2.96	1.23	3.50	2.56	2.58	1.02	1.63	2.410	
October .....	5.05	1.49	6.33	2.04	.75	2.78	3.93	1.88	.92	2.43	2.760	
November ....	2.24	3.90	3.52	2.78	1.43	4.99	2.32	2.84	4.65	1.04	2.971	
December ....	3.67	2.82	3.02	.48	2.97	1.21	4.16	1.74	2.38	1.47	2.382	
TOTALS ....	31.80	26.96	36.74	25.47	21.82	27.79	31.22	20.80	26.72	22.74	27.206	

1881 *Kempsford* 1 mile SW.

1889 New gauge about the beginning of October



RAINFALL AT Fairford Kempford impd.

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Gloucester

Rain Gauge, by \_\_\_\_\_

Observer A. J. Res. Esq.windward - 7.

Diameter ....	5											
Height .....	10											
Altitude ....	...											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.84	1.90	.71	2.01	1.64	2.67	.45	1.77	.32	3.11	1.742	
February ....	.62	.05	.94	2.20	2.15	.12	.37	2.71	1.33	2.72	1.321	
March .....	.92	1.57	.49	.26	1.99	1.84	2.51	2.50	.39	.44	1.291	
April .....	1.22	.59	.77	.01	1.85	2.00	.46	1.73	1.38	2.04	1.205	
May .....	2.14	2.96	.82	1.48	1.44	.27	.21	.85	3.12	1.29	1.458	
June .....	3.21	1.10	2.49	.74	2.19	.64	1.30	2.55	1.03	1.53	1.678	
July .....	3.45	3.34	2.71	2.81	2.79	2.57	1.98	1.33	.87	1.73	2.358	
August .....	2.46	4.94	2.77	1.64	2.12	3.03	2.05	4.53	1.79	2.05	2.738	
September....	1.46	1.19	2.55	.63	2.36	.95	5.92	1.80	.74	1.67	1.927	
October .....	1.39	6.72	2.73	3.21	4.48	2.85	3.41	1.35	3.28	2.73	3.215	
November....	1.86	1.69	1.81	1.65	4.64	4.43	.53	1.11	2.58	2.17	2.247	
December ....	.93	3.25	.76	1.72	2.16	1.88	2.25	2.98	2.43	2.15	2.051	
TOTALS ....	22.50	29.30	19.55	18.36	29.81	23.25	21.44	25.21	19.26	23.63	23.231	

1890 Kempford 1 Mile S.E.  
 1894 Brish 3 1/2 high 8 ft E

1890 -

# RAINFALL AT Fairford Kempsford

Lat. .... Lon. .... County of Gloucester East  
 Rain Gauge, by ..... Observer A. T. Lees Esq.

Windswept - 7.

Diameter ..	5				6						
Height ....	10										
Altitude ..	...				250?						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.23	1.19	.87	2.90	3.22	.63	3.52	.66	.84	1.11	1.717
February ..	4.12	.70	.93	1.00	3.32	.43	1.64	1.30	1.00	.30	1.474
March ....	.68	1.98	1.33	3.17	1.14	2.84	1.65	.87	2.98	3.33	1.997
April .....	1.03	2.12	1.57	1.99	1.05	2.19	.79	2.97	3.74	1.78	1.923
May .....	1.50	1.64	2.20	4.21	2.74	.15	1.71	2.10	1.40	1.14	1.879
June .....	1.66	1.82	2.51	5.61	.85	3.87	3.16	1.71	.81	5.02	2.702
July .....	.52	2.36	.81	3.04	2.66	1.06	1.20	2.68	2.28	2.53	1.914
August ....	3.02	2.25	2.90	2.81	2.06	3.65	.87	1.22	3.45	2.79	2.502
September ..	.36	1.20	2.22	2.38	1.36	1.18	.70	.53	2.40	2.99	1.532
October ....	2.57	1.55	1.37	5.50	.65	1.16	5.24	5.77	1.53	4.02	2.936
November ..	1.73	.62	1.91	1.69	1.69	3.26	2.61	2.05	1.10	.72	1.738
December ..	3.62	3.79	1.90	1.08	1.71	.61	1.67	3.85	2.09	3.60	2.392
TOTALS ..	23.04	21.22	20.52	35.38	22.45	21.03	24.76	25.71	23.62	29.33	24.706

mill

1900 Kempsford Church 1 1/2 miles SE

1903 Fairford Station 3 1/2 miles NE

August 22<sup>nd</sup> Gauge moved 600 yards W  
 House 24 ft high 20 ft W.

H.W.B.

10<sup>2198</sup>

# RAINFALL at Dunfield Fairford Kempford

County of GloucestershireObserver A. T. HeslopRiver Basin Thames, Windrush & C 7

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	1 0		0 8							1 0		
Altitude ...	250?		260									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SUMS
January ...	1.62	.91	4.26	4.01	.59	3.75	2.31	1.56	2.88	3.65		10.40
February ...	3.00	1.61	2.32	1.24	2.53	3.80	4.97	1.20	1.14	2.59		9.90
March .....	.56	1.73	4.64	3.17	4.08	1.10	3.94	2.27	.85	4.43		11.48
April .....	2.50	1.14	.12	4.42	1.24	1.17	1.27	1.55	2.98	2.06		7.86
May .....	1.38	1.03	2.59	2.16	1.16	3.52	2.07	2.37	1.94	.99		7.37
June .....	4.52	1.87	3.05	.76	2.01	1.90	1.57	2.42	.90	1.23		6.12
July .....	1.64	.00	3.24	1.90	2.99	3.94	1.04	2.62	3.91	3.13		10.70
August .....	2.72	1.24	5.58	.80	2.03	2.72	3.67	4.81	1.85	2.20		12.53
September ..	.30	1.21	.95	2.31	1.18	1.64	.95	2.67	5.08	1.90		10.60
October ...	2.48	2.26	3.70	2.75	1.75	3.52	4.67	3.81	1.87	1.32		11.67
November ..	3.23	3.13	1.81	2.16	4.28	1.83	3.35	.87	2.05	1.19		7.46
December ...	4.39	4.98	4.27	1.09	5.84	5.59	4.24	1.22	2.75	4.29		12.50
TOTALS ...	28.34	21.11	36.53	26.77	29.68	34.48	34.05	27.37	28.20	28.98	29.551	

1914. House 24 ft high 8 yards W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Fairford	3 1/2 miles	NE	Kempford	1 1/4 miles	SE



RAINFALL at *Fairford (Sunfield, Kempsford)*County of *Gloucester* Observer *A. S. Day Esq.*River Basin *J. Thames-Windrush &c.**Gloucester* Rain Gauge, by \_\_\_\_\_

Diameter ...	5													
Height .....	1.0													
Altitude ...	260													
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	Sums 20-30		
January ...	2.75	2.45	2.25	1.67	3.93	1.92	4.23	3.14	4.16	.89	4.04	31.43		
February ...	.80	.38	3.32	4.37	.40	3.13	2.19	3.56	2.31	.56	.53	21.55		
March .....	2.06	1.13	2.15	2.52	1.07	.33	1.00	2.75	2.40	.17	1.83	17.41		
April .....	4.89	.86	3.00	2.22	2.52	1.57	2.21	1.74	1.23	1.04	2.14	23.42		
May .....	2.27	2.02	1.20	1.24	4.71	3.61	3.91	1.51	.68	2.50	1.28	23.94		
June .....	2.53	.11	1.32	.36	2.56	.10	2.00	3.21	2.84	1.10	1.31	17.41		
July .....	4.49	.24	4.07	1.50	3.52	3.68	2.03	4.08	3.19	1.20	2.53	30.53		
August .....	1.05	1.62	4.44	2.17	2.68	3.22	1.45	3.80	1.89	1.75	2.44	26.51		
September...	1.56	1.70	1.64	1.92	4.80	3.52	1.29	5.63	1.05	.40	3.66	27.17		
October .....	2.74	1.33	.79	4.58	4.25	3.26	2.47	1.64	4.56	4.15	1.82	31.59		
November...	.81	2.13	1.81	1.82	2.20	1.64	6.18	2.34	2.94	6.25	3.17	31.29		
December...	2.31	1.50	2.92	3.34	4.79	3.03	.41	2.98	2.67	6.07	3.12	33.15		
TOTALS...	28.28	15.47	28.91	27.71	37.43	29.01	29.42	36.38	29.92	26.08	27.87			
	0	0	0	0	0	0	0	0	0	0	0			

1930. Inspected September. G. rather over-sheltered + should be moved to most open part of garden. Recommended that tube be resoldered to funnel.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			<i>Fairford</i>	<i>2 1/2 m.</i>	<i>N.E.</i>	<i>Kempsford</i>	<i>1 1/4</i>	<i>E.</i>

RAINFALL at Fairford (Dunfield, Kempsford)County of Gloucestershire Observer A. J. Lee, Esq.River Basin 18 miles - 19 miles - 7

Type of Gauge .....

Annual Average 25.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Bagn.

8006/30.

Diameter	5										
Height	1.0		0.9	1.0							
Altitude	260										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.62	2.70	1.79	2.15	.97	2.97	3.75	3.10	4.92	2.60	26.57
February	1.82	.03	3.60	.19	2.42	1.96	4.35	.81	1.26	1.89	18.33
March	.16	2.05	2.89	1.79	.45	1.84	2.68	.29	1.57	2.26	15.98
April	3.20	2.40	1.21	2.20	3.95	1.71	3.04	.12	3.12	1.62	22.47
May	5.21	5.09	1.22	.57	1.46	.75	1.95	1.89	1.14	1.13	30.41
June	3.23	.77	1.76	2.56	3.88	2.68	1.51	1.23	2.00	.73	20.35
July	3.06	2.85	1.81	.90	.89	5.91	1.87	1.89	4.16	3.11	26.45
August	4.65	1.07	1.46	1.32	1.87	.32	.83	4.02	1.97	.07	17.58
September	1.87	3.49	2.79	1.95	4.46	2.97	1.37	3.45	1.09	1.03	24.47
October	.62	4.66	1.82	1.52	4.87	1.50	3.73	3.74	3.64	2.76	18.86
November	3.68	1.75	0.75	1.45	5.38	2.95	1.33	3.03	4.75	7.66	32.73
December	1.47	.63	0.46	5.72	3.06	2.74	2.10	2.59	1.83	1.28	21.88
TOTALS	30.59	27.49	21.56	22.32	33.66	28.30	28.51	26.16	31.45	26.04	276.08

1940. House 10 yds. 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.			Fairford	3 1/2 m.	N. E.	Kempsford	1 1/4 m.	E.



RAINFALL at Laiford (Dunfield, Kemptford) Revey (1947) Station No. 2198  
 County of Gloucestershire Observer A. Y. Des. 199 disc 237.47  
 River Basin Thames - Windrush &c. - 7 Major H. R. Norrison (1948)  
 Type of Gauge M.O. - on inventory loan 1948.

Annual Average 25.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N.

File No. 8006/30

Diameter ....	5"			250	123							
Height ....	1' 0"				1							
Altitude ....	260'				41							
Year ....	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
											Total	
January ....	2.97	3.15	4.36	1.69	2.20	2.14	1.43	3.85	1.04	.53	23.36	
February ....	2.74	.71	.99	.84	2.16	2.49	1.40	.91	.87	4.20	17.31	
March ....	2.69	2.08	.98	.27	.89	.81	6.64	.68	1.42	.78	17.44	
April ....	1.08	1.05	.68	1.75	1.09	1.49	2.03	2.17	1.34	2.03	14.71	
May ....	1.23	4.70	2.47	.84	2.44	3.11	1.62	4.05	3.14	2.68	26.28	
June ....	1.56	.22	1.98	2.17	3.41	2.47	1.90	2.35	.35	1.71	18.12	
July ....	2.24	1.99	1.42	1.88	1.16	.81	2.70	.75	1.35	3.54	17.84	
August ....	3.92	3.41	2.41	2.40	1.91	5.49	.48	3.95	1.20	3.15	28.32	
September ....	.80	1.54	1.32	2.48	1.48	3.39	1.44	1.95	1.36	3.99	19.75	
October ....	2.14	3.26	2.38	3.68	3.42	.79	.30	2.99	5.13	.76	24.84	
November ....	2.57	1.82	1.49	4.74	.20	5.07	1.80	1.47	2.74	5.26	27.16	
December ....	1.83	3.73	1.01	1.51	3.23	1.77	1.76	3.07	1.06	1.46	20.43	
TOTALS ....	25.97	27.66	21.49	24.25	23.59	29.82	23.50	28.19	21.00	30.09	255.56	
	D	D	D	D	D	D	D	D	D	D	D	

1941. Houses about 26' high 12 yds. W.

1947. Gauge & measure issued on loan to Major Norrison Oct 1947. Continuation station  
 1947 Gauge moved to mile east 30.9.47. In drive, 9 yds. from house and east.  
 np. 150 mch. est.

1949. True 30 ft 15" S. : 30 ft 9" W.

Station No. was originally 250201 but was changed to 250123  
 due to an amended NGR. in 1966.

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.
1941 1947			Laiford.	3 1/2 mi. 3 mi.	N	Kemptford.	1 1/2 mi. 1 mi.	E S

Station No. 2198

RAINFALL at Fairford (Revery, Kempsford)

51

County of Gloucester

Observer Major H. A. Northen

River Basin Thames-Windrush 96-7

Type of Gauge M.O. - on inventory form 1948

Annual Average 25.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 6 of N.  
" " 28.35 " " 9 " " 1948-56. " " " 1916-1950 File No. 8006/30 S.

Diameter ...	5"			250	123						
Height ...	1' 0"				1						
Altitude ...	260'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total obs
January ...	2.93	2.00	.78	1.33	2.55	3.72	2.37	2.97	3.95	4.15	26.75
February ...	4.11	.53	1.59	1.89	1.63	.22	3.19	3.37	.10	2.31	18.94
March ...	4.14	3.04	1.17	2.70	1.78	.40	2.43	1.17	2.64	1.48	20.95
April ...	2.74	2.16	2.02	.31	.85	2.04	.33	.83	2.60	0.87	14.75
May ...	2.69	2.25	2.03	2.20	4.16	.44	1.31	3.01	1.93	1.99	22.01
June ...	1.20	2.01	2.04	5.30	2.82	1.74	1.75	3.07	1.52	4.16	25.61
July ...	1.30	.35	3.35	2.12	.16	2.11	3.07	2.70	1.93	3.26	20.35
August ...	4.93	4.47	2.38	3.03	.59	4.64	5.79	2.86	2.29	2.99	33.97
September ...	3.40	1.30	2.84	3.30	.97	3.76	3.61	3.64	.22	3.83	26.87
October ...	.89	4.51	2.75	2.81	1.54	1.78	2.20	2.45	1.77	4.86	25.56
November ...	6.12	4.40	1.05	5.21	1.67	.88	1.63	2.76	2.31	4.94	30.97
December ...	2.33	2.56	.71	2.01	2.83	3.71	2.13	3.30	5.39	4.28	29.25
TOTALS ...	36.78 d	29.58 d	22.71 d	32.21 D	21.55 D	25.44 d.	29.81 D	32.13 d.	26.65 d	39.12 d	295.98

NB The station no. was changed in 1966 due to  
amended H.C.R. previously it was No. 250201

(41)

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SU160980

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1956			Fairford	3 miles N.	Kempsford	1 mile S.S.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ n.p. 47 ✓ listed 46, 47, 50	