

Mid Sussex

RAINFALL AT Balcombe Waterworks

Lat. _____

Lon. _____

County of E Sussex ⁴
Flavel Rain Gauge, by N 73
Observer F. Martin Esq. C.E.

Mid Sussex Water Board

Diameter ...										8	
Height										1.0	
Altitude ...										47.28	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...											
February ...											
March											
April										1.73	
May										1.91	
June										3.08	
July										3.28	
August										2.73	
September ..										3.65	
October ...										7.69	
November ..										1.87	
December ...										5.52	
TOTALS ...											

up D

1909 St Mary's Church 1 mile S.E.
 Balcombe Station 1 1/2 " S.E.

RAINFALL at Balcombe Water WorksCounty of SussexObserver F. Martin Esq. C.E.River Basin Ouse 4Flack Rain Gauge, by N. J.

Diameter ...	8											
Height	10											
Altitude ...	471 π											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sum
January ...	3.78	1.79	2.92	5.87	1.27	4.36	2.51	1.71	4.15	6.11		18.11
February ...	5.24	2.45	3.13	1.48	6.09	5.89	4.76	1.34	1.93	2.98		14.48
March	1.65	2.45	5.48	3.94	6.34	.96	4.25	2.17	1.19	4.77		11.01
April	2.86	2.24	.00	4.12	1.94	1.94	1.78	2.56	3.59	2.90		12.38
May	2.57	1.47	1.40	2.38	1.46	4.11	3.22	1.70	1.45	.52		10.83
June	2.37	2.41	2.96	.47	.51	.44	2.35	1.81	1.18	.85		6.89
July	3.46	.44	1.38	4.14	1.79	5.05	1.00	3.27	5.67	2.53		6.19
August	2.77	.91	8.25	1.84	1.42	2.14	3.81	8.28	1.30	3.15		12.47
September ..	.60	1.92	4.15	2.58	1.64	2.01	2.04	2.33	6.66	1.39		16.54
October ...	3.47	4.79	4.58	5.05	2.32	3.52	6.59	5.33	2.33	.46		12.42
November ..	5.13	7.59	3.02	4.70	5.22	3.84	6.36	1.97	2.97	2.33		14.71
December ...	5.09	9.42	4.68	1.90	9.99	9.31	3.82	2.95	3.50	6.71		13.63
TOTALS ...	39.09	37.88	41.95	38.47	39.99	43.57	42.49	35.42	35.92	34.70		16.78
	π	π	π	π	π	π	π	π	π	π		168.55

1910 June 30 high 18 yds E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
910			Balcombe	1 1/2 m	S.E.	St Mary	1 1/2 mile	S.E.

RAINFALL at Balcombe Water WorksCounty of SussexObserver L. Martin Esq. C.E.River Basin Bease 4Mid Sussex Joint Water Bd.Flaisher Rain Gauge, by N. J.

Diameter ...	9												
Height	1 0												
Altitude ...	471						472	467					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1931	Totals.	
January ...	4.04	4.04	5.24	2.11	2.76	4.52	4.11	2.68	5.17	1.01	4.49	40.17	
February ...	.86	.93	3.34	6.17	.44	5.79	3.02	5.41	1.69	.82	1.16	29.63	
March	1.22	2.04	2.86	3.11	2.20	.94	.35	4.04	2.56	.03	1.52	20.87	
April	2.91	1.20	4.13	2.95	3.75	3.59	3.76	2.07	2.00	.87	2.17	29.40	
May .....	.88	1.83	.92	3.53	4.64	3.27	1.55	.96	1.27	2.89	2.73	24.47	
June	1.33	.00	1.83	.80	3.58	.10	3.36	4.57	3.09	1.68	.68	20.72	
July	6.59	.28	5.95	4.14	4.85	4.67	1.94	3.11	2.00	3.79	3.25	40.57	
August	1.62	2.33	3.31	2.74	3.95	2.68	2.35	6.50	3.70	2.91	4.34	36.63	
September...	3.84	.87	2.00	2.12	3.44	2.86	.53	5.67	1.18	.70	3.44	26.65	
October	2.24	1.56	1.15	7.42	4.66	4.90	2.30	2.56	7.50	4.85	2.10	41.24	
November...	2.66	1.94	2.68	2.36	3.27	3.70	7.78	4.03	3.52	8.66	6.09	46.74	
December...	4.08	3.12	4.84	3.97	6.08	4.03	.48	5.02	4.00	7.97	3.12	46.71	
TOTALS...	32.27	20.14	38.25	41.12	43.62	41.05	31.53	46.67	37.68	36.18	34.09	403.60	

1920. Trees 50 ft. 187ds E

1921. 80

1927. G. moved 14th Sept. 37 yds. S.

1928. Trees 50' high 60' S.

H.W.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Balcombe	12 mi	SE	St. Marys	1 mi	SE

RAINFALL at Balcombe (Waterworks)County of SussexObserver F. Martin Esq. C.E.River Basin Ouse

W.H. Achmole Esq. (1939)

Type of Gauge 40 Negretti ZambraAnnual Average 33.9 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. S

731753/26

Diameter	8											
Height	10											
Altitude	407											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	2.76	3.35	2.61	3.01	1.22	3.73	7.14	3.99	5.76	2.44	3801	
February	2.33	.46	3.14	0.23	4.29	2.38	5.97	1.08	1.79	2.89	2486	
March	.52	1.72	3.60	3.12	.41	1.97	4.14	.61	1.60	3.95	2164	
April	4.36	3.04	0.73	3.07	3.82	2.71	3.51	.22	2.82	1.34	2562	
May	2.92	3.50	1.89	0.82	1.76	.40	2.35	2.57	1.91	1.88	2000	
June	1.78	1.84	2.00	1.26	3.58	3.93	1.37	.66	1.72	.34	1848	
July	3.66	4.25	2.13	2.29	.98	5.23	1.05	2.53	2.64	3.52	2830	
August	5.00	.67	1.14	2.70	4.40	.62	1.95	1.56	2.70	.15	2089	
September	1.96	2.42	3.64	2.31	5.03	2.05	3.18	3.34	1.12	1.52	2647	
October	.77	8.20	2.18	2.91	6.51	1.98	3.42	4.19	5.91	4.29	3936	
November	5.48	1.78	1.32	4.38	7.35	5.45	2.58	4.13	7.43	8.56	4846	
December	.85	.91	0.82	9.80	5.05	3.43	4.52	4.48	2.20	2.02	3408	
TOTALS	32.39	32.44	25.10	35.90	43.40	35.88	41.18	29.36	37.62	82.90	32614	32614

1931. Trees 50' high, 18 yds. E.

Jan 1939 corr'd. 9 1/4 43.

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.			Balcombe	1 1/2 m.	S. E.	Balcombe	1 m.	S. E.

Station No. 524.T.E.

RAINFALL at Balscombe (Waterworks)

41

County of SurreyObserver W. H. Ashmole Esq.River Basin ChessType of Gauge Magnett's 9.7 mm. SnowdonAnnual Average 32.9 in. based on 29 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 731753/26

Diameter	8"			3 11	123							
Height	1' 0"				1							
Altitude	467'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Totals	Means
January	3.01	3.29	6.97	2.47	2.02	2.82	3.48	6.05	1.16	1.26	32.53	
February	3.61	.56	2.09	1.00	1.99	2.99	2.10	1.88	1.67	5.72	23.61	
March	3.26	3.15	.43	.10	1.61	1.15	6.85	1.02	1.08	1.86	20.51	
April	1.92	1.94	1.56	2.31	1.12	2.23	1.96	1.66	1.78	2.29	18.77	
May	2.41	3.30	3.38	1.06	2.03	3.38	2.07	2.80	2.01	1.31	23.75	
June	1.74	.23	2.13	2.01	3.01	3.32	3.29	3.37	.75	1.64	21.49	
July	2.54	2.25	2.25	3.08	4.99	2.53	1.79	1.44	.32	3.12	24.31	
August	4.98	4.14	1.71	2.56	2.02	6.50	.40	4.76	1.73	2.58	31.38	
September	.39	2.41	1.63	2.78	2.60	4.88	1.88	2.52	1.28	3.48	23.85	
October	1.21	4.85	3.77	5.07	4.24	1.15	.67	2.03	10.99	.63	34.61	
November	4.43	1.21	1.62	5.79	.28	6.05	1.72	1.76	3.52	7.48	34.46	
December	2.51	3.64	2.44	2.79	4.94	3.47	2.78	4.63	1.91	2.41	31.52	
TOTALS	32.01	31.57	29.98	31.02	30.85	40.47	28.99	33.92	28.20	33.78	320.77	

1941 Total 50' high 18 yds E

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			Balscombe	1 1/2	SE	Balscombe	1 1/2	SE

Station No. 524

T.F. 2

RAINFALL at BALCOMBE (WATERWORKS)

51

County of. SUSSEX

Observer W. H. ASHMOLE, F.S.G.

River Basin. GUSE - 4

Type of Gauge. SNOWDON (N.Z.)

Annual Average. 33.9 in. based on 22 years obs. unweighted.

Period of average 1881-1915

Ref. S

34.83 " " 35 " " 1916-1950

File No. 1916-1950 753/26 P

Diameter ...	8"			3 11	1 23							
Height ...	1' 0"				1							
Altitude ...	467'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total Means	
January ...	3.90	2.63	1.28	1.78	3.95	4.83	2.63	4.03	3.34	3.41	31.78	
February ...	7.20	.72	1.45	2.97	1.74	.53	5.20	2.76	.09	2.65	25.31	
March ...	4.10	3.67	.32	3.71	1.83	1.20	1.77	2.58	2.25	2.29	23.21	
April ...	2.76	2.06	2.92	.40	.39	1.85	.18	1.42	2.95	.97	15.90	
May ...	2.81	1.95	2.63	2.15	4.80	.39	1.59	2.89	.60	1.73	21.54	
June ...	2.32	1.49	1.88	3.77	2.07	3.46	1.46	4.61	1.33	2.23	24.62	
July ...	3.13	.83	4.55	4.12	.93	3.69	3.94	1.82	1.07	4.59	28.67	
August ...	5.92	3.02	2.31	3.45	1.13	4.27	3.43	3.81	1.21	4.28	32.83	
September ...	3.50	3.54	4.62	2.94	2.31	3.97	3.74	4.20	.15	5.14	34.11	
October ...	1.52	3.63	4.39	3.11	4.50	2.00	1.76	3.62	4.04	7.69	36.26	
November ...	6.58	4.26	1.77	6.35	1.67	1.18	3.93	2.62	4.12	7.95	40.43	
December ...	3.32	2.71	.98	2.27	3.79	5.27	3.15	4.68	7.69	4.25	38.11	
TOTALS ...	47.06	30.51	29.10	37.02	28.61	32.64	32.78	34.04	28.84	47.17	352.77	
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference

(5) 51/29032

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-1 accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
	✓	✓ but D ab-29	✓ but d 31, 32	✓	✓