

mid Sussex

RAINFALL AT Balcombe Waterworks

Lat.

Lon.

County of E. Sussex 4

Flasker Rain Gauge, by N.F.

Observer 7. M. Martin Esq. C.E.
Mid Sussex Water Board

Diameter ...										8
Height										1.0
Altitude ...										471.28
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 ...										

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1909 St. Mary's Church 1 Mile S.E.
 Balcombe Station 1/2 - S.E.

RAINFALL at Balcombe Water Works

County of Sussex

Observer 7 Martin Engcl

River Basin One 4

Glacier Rain Gauge, by N.Y.

1910 Trees 30 ft high 18 yds E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
9/10			Paleonthe	1½ mi	S.E.	St Mary	1 mile	S.E.

RAINFALL at Balcombe Water WorksCounty of SussexObserver L. Martin Esq C.E.River Basin Class 4Mid Sussex Joint Water Bd.Glaisher Rain Gauge, by 2.9 g.

Diameter ...	9														
Height	1	0													
Altitude ...	471						472	467							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		1930			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
February86	.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
May88	1.83	.92	3.63	4.64	3.27	1.55	.96	1.27	2.89		2.73			24.47
June	1.33	.00	1.83	.80	3.58	1.0	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	3.40	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	2.86	3.27	3.70	7.48	4.08	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	34.68	36.18		5			403.60
	d	d	d	d	d	d	D	D	D	D		5			403.60
															403.60

1920. Trees 50 ft. 187 ds E

1921. 80 -

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

1928. Trees 50 ft high 60° S.

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	Parish Church.	Distance from gauge	Direction
1920			Balcombe	1/2 mi	S E	St. Marys	1 mi	S E

RAINFALL at Balcombe (W. W. M. W.)

County of Sussex X

Observer F. Martin Esq., C.R.

River Basin Sussex

W. H. Ashmole Esq. (1939).

Type of Gauge 40 Negretti Zambra

Snowdon.

Annual Average 33.9 in. based on 29 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

731753/26

Diameter	8										Total Means
Height	100										
Altitude	107										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.76	3.35	2.61	3.01	1.22	5.73	7.14	3.99	5.76	2.44	3801
February	2.33	1.76	3.14	0.23	4.29	2.38	5.97	1.08	1.79	2.89	2486
March	1.52	1.72	3.60	3.12	4.41	1.97	4.14	1.61	1.60	3.95	2164
April	4.36	3.04	0.73	3.07	3.82	2.71	3.51	1.22	2.82	1.34	2562
May	2.92	3.50	1.89	0.82	1.76	4.40	2.35	2.57	1.91	1.88	2000
June	1.78	1.84	2.00	1.26	3.58	3.93	1.37	1.66	1.72	1.34	1848
July	3.66	4.25	2.13	2.29	9.8	5.23	1.05	2.53	2.66	3.52	2830
August	5.00	6.7	1.14	2.70	4.40	6.2	1.95	1.56	2.70	1.15	2089
September	1.96	2.42	3.54	2.31	5.03	2.05	3.18	3.34	1.12	1.52	2647
October	1.77	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	2.68	4.13	7.43	8.56	4846
December	0.85	0.91	0.82	0.80	5.05	3.23	4.52	4.48	2.20	2.02	3408
TOTALS	32.39	52.44	25.10	35.90	43.40	35.88	41.18	29.36	39.62	32.90	34614

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

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

PHW

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
1931.			Balcombe	1½ m.	S.E.	Balcombe	1 m.	S.E.

Station No. 524 T.S.

RAINFALL at Brixcombe (Waterworks)

41

County of Sussex

Observer W.H. Schmidle Esq.

River Basin - Caves, W.

Type of Gauge Negretti & Zambra. Snowdon

Annual Average 32.9 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref S

File No. 731653/26

Diameter	8"		311	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	3.47	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	1.43	.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	4.50	4.40	4.76	1.73	2.58	31.38
September	.39	2.41	1.63	2.18	2.00	4.88	1.88	2.52	1.29	3.48	23.85
October	1.21	4.85	3.77	5.07	4.24	1.15	.67	2.03	10.99	.68	34.61
November	4.43	1.81	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 Tree 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	Parish Church.	Distance from gauge.	Direction
1941			Balcombe	1½ m.	SE	Balcombe	1 m.	SE

Station No. 524

T.F. 51

RAINFALL at BARCONBE (WATERWORKS.)

County of SUSSEX

Observer W.H. ASHMORE Esq.

River Basin 61SE - 4

Type of Gauge SNOWDON (N.Z.)

Annual Average 33.9 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. S
 34.83 " " 35 " 1916-1950 1916-1950 File No. 51753/26 P

Diameter	8"			311	123						
Height	1' 0"				1						
Altitude	467'				51						Total Means
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
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	2.28	23.21
April	2.76	2.06	2.92	.40	.89	1.85	.18	1.42	2.95	.97	15.90
May	2.81	1.96	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	1.64	1.18	3.93	2.62	4.12	7.95	40.43
December	3.32	2.71	.98	2.27	3.49	5.27	3.15	4.68	7.67	4.25	38.11
TOTALS	47.06	30.51	29.10	37.02	28.61	32.64	32.78	39.04	28.80	47.17	352.77

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference (51) 51/29032

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓
		✓ bnr D 26-29	✓ bnr d 31,32			