

RAINFALL AT Balcombe Stockcross

Lat.

Long.

County of

E Sussex 6

Syringe Rain Gauge, by

Observer

R Newton Day

Diameter ..					5						
Height					1 1						
Altitude ..					341						T
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	1.54	1.24	2.64	6.01	1.46	6.66	1.78	2.24	1.60		
February #	1.77	1.45	1.69	3.64	.76	3.49	1.99	1.60	.43		
March96	2.45	2.35	3.62	1.25	4.37	1.79	1.23	3.09	4.46	
April	1.19	3.20	1.17	2.61	1.73	2.12	.84	4.26	2.67	1.71	
May	1.11	1.44	2.98	2.40	3.97	.61	2.08	2.69	2.47	1.98	
June	3.46	1.64	3.85	4.38	1.12	4.35	2.10	2.39	2.00	2.77	
July	1.49	2.17	2.03	4.11	.75	.37	1.91	1.13	3.03	3.18	
August	2.79	1.65	5.70	4.90	1.79	3.61	.83	2.43	5.11	3.24	
September..	1.35	2.24	.93	3.08	2.35	2.37	1.55	.77	1.32	3.35	
October....	2.47	2.98	2.42	7.96	2.58	2.03	5.07	5.47	2.10	7.85	
November..	3.93	.80	3.08	2.25	1.67	6.40	6.20	2.76	1.45	1.42	
December ..	3.98	5.79	2.10	2.73	3.94	.96	2.56	4.26	4.09	5.26	
TOTALS ...	27.67	29.30	42.67	30.80	29.41	35.08	31.15	31.17	37.18		

D D D D D D

1903 St Mary's Church 1/2 mile N

Balcombe Station 1/2 S

Stable 20 ft high 42 ft E

Not printed previous to 1903.

RAINFALL at Balcombe StockcroftCounty of SussexObserver R. NewtonRiver Basin One 4

Slope Rain Gauge, by _____

Diameter ...	5										
Height	1.1										
Altitude ...	341 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.05	1.77	2.85	5.52	1.09	4.15	2.15	1.65	3.84	6.19	
February ...	5.06	2.38	2.84	1.37	5.81	5.70	5.44	1.19	1.70	2.91	
March	1.74	2.37	4.88	3.74	6.53	.94	4.37	2.11	1.13	4.48	
April	2.68	2.05	.09	3.77	1.96	2.03	1.62	2.31	3.55	2.41	
May	2.57	1.88	1.55	2.46	1.62	4.00	3.07	1.64	1.34	1.84	
June	2.36	2.40	3.41	.67	.64	.66	2.83	1.76	1.30	.91	
July	3.25	.36	1.52	3.34	1.74	5.12	1.05	2.96	6.52	2.21	
August	2.87	1.69	7.52	1.92	1.68	2.91	3.71	7.91	1.30	3.25	
September ..	.38	1.70	3.81	2.87	1.49	2.16	2.11	2.20	5.84	1.55	
October ...	3.30	4.75	4.42	5.16	2.29	3.51	6.12	5.36	2.14	.71	
November ...	4.92	7.91	2.79	4.33	4.84	3.48	5.97	1.91	2.77	2.52	
December ...	4.46	6.55	4.17	1.74	10.05	8.71	4.03	2.86	3.26	6.48	
TOTALS ...	37.64	37.80	39.85	36.89	39.74	43.37	42.47	33.86	34.69	34.16	

1910 Stat. 20 ft high 42 ft E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	51.30 N	0.8 W	Balcombe	1/2 mi	S	St. Mary's	1/2 mi	N

RAINFALL at Balcombe Stockcross

County of Sussex)

Observer R. Newton Esq.

River Basin Case 4

Symons Rain Gauge, by
M.O. (1905)

Diameter ...	5-										
Height	1	1									
Altitude ...	341										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MAY
January	4.39	3.79	5.52	1.97	2.77	4.42	4.55	2.88	5.70	1.87	4.42
February94	.78	3.39	5.78	.84	5.59	3.25	5.54	2.04	.89	1.27
March	2.26	1.96	2.82	2.89	2.08	.92	1.44	4.88	2.46	.03	1.51
April	3.13	1.29	3.95	3.15	3.72	3.26	4.25	2.10	2.32	.91	2.23
May	1.02	2.03	1.06	3.50	4.52	3.37	1.78	1.08	1.38	2.97	2.88
June	1.47	.03	1.83	.47	3.46	.15	4.18	5.19	3.13	1.65	.67
July	5.97	.40	5.07	4.72	5.00	4.46	1.63	3.26	1.65	3.02	2.97
August	1.67	2.24	3.65	2.04	3.41	2.30	2.49	5.69	3.04	3.08	4.59
September	4.49	.98	2.28	2.19	4.31	2.67	.63	5.73	0.94	1.24	3.37
October	1.87	1.88	1.43	7.86	4.09	4.98	2.69	1.70	7.61	4.78	1.96
November	2.56	2.09	2.48	2.55	3.40	4.03	4.86	4.14	3.64	9.40	6.30
December	3.65	2.70	4.82	4.18	6.16	4.18	1.54	4.13	4.00	8.55	3.28
TOTALS ...	33.42	20.17	38.30	41.30	45.76	40.33	34.29	47.02	38.24	37.89	35.45

1920 Stable 20 ft. high 42 ft. E

*Position of Station on reduced Ordnance Survey
Map. 2 miles to 1 inch Series*

Reference No.

Date.	Lat. N.	Long.-W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 30'	0° 8'	Balecombe	1/2 mi	S	St. Mary's	1/4 mi	N

RAINFALL at Balcombe (Stockcroft)

County of Santa

Observer Dr. R. Newton

River Basin.....Over 40

Type of Gauge M. O. Glasser 1937

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

Ref.

333791/34

Diameter	5										
Height	1	1									
Altitude	341										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.81	3.67	2.64	3.29	1.18	5.83	7.30	4.14	6.42	2.63	3.991
February	2.49	.78	3.34	0.27	4.77	2.65	6.27	1.00	1.79	3.33	2.661
March	1.49	1.92	3.57	3.44	.54	2.11	3.99	.67	1.50	3.68	2.191
April	4.15	3.11	0.79	3.10	4.29	2.72	3.74	.30	2.85	1.41	2.640
May	3.07	3.51	1.70	0.77	1.99	.52	2.26	2.61	1.87	1.82	2.012
June	2.11	1.95	1.87	1.56	3.60	3.83	1.39	.86	1.63	.28	1.908
July	3.56	4.03	2.45	2.47	.81	4.84	.99	1.98	2.90	2.93	2.696
August	4.16	.78	1.23	2.29	4.43	.62	1.32	1.40	2.70	.15	1.908
September	2.08	2.52	3.65	2.26	5.26	2.31	2.17	3.57	.97	1.52	2.431
October	.66	8.14	2.13	2.73	5.56	1.97	3.16	4.44	5.87	4.19	3.885
November	4.92	1.76	1.27	4.84	7.61	5.32	2.40	4.46	7.14	8.83	4.855
December	.98	.85	0.85	9.70	5.29	3.99	4.64	4.41	2.27	2.22	3.523
TOTALS	31.48	33.05	25.49	36.72	45.27	36.69	40.63	29.84	37.91	32.99	35.001

1931. Garage. 20' high, 42' E.

1933. September adjusted by near stations

1934 Gollaye 40 ft high 50 ft E.

1931 Garage 40' high 40' E.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

References, No.

1 mile to 1 inch Series							
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931			Balcombe	$\frac{1}{2}$ m.	S.	St. Mary's	$\frac{1}{2}$ m.
1937				1 m.	S.	Balcombe	1 m.

Station No. 522

RAINFALL at Balcombe (Stockcross)

41

County of Sussex.....

Observer Dr. R. Newton died Nov. 1945.

River Basin Ouse.....

Type of Gauge hydrometer.....

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

Ref.....

File No. 6333.01/3.1

Diameter	5"										
Height	1' 1"										
Altitude	341'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.77	3.36	7.02	2.75							
February	4.08	.62	2.08	1.01							
March	3.62	3.26	.40	.02							
April	1.46	1.68	1.67	2.14							
May	2.29	3.62	3.35	1.06							
June	1.66	.16	1.91	2.09							
July	2.89	2.27	2.47	3.14							
August	5.05	3.71	1.68	2.31							
September	.37	2.49	1.77	2.77							
October	1.11	4.46	3.60	5.14							
November	4.41	1.73	1.77	6.00							
December	2.60	3.77	2.80	2.88	#						
TOTALS	32.31	31.13	30.52	31.31							
	D	D	D	D							

1941 Garage 40' high 40' SE

Remarks	1940-41	1940-40	1941-40	1941-50
Pond	✓	✓	✓	T 1944
Dard	✓	✓	✓	✓

Position of Station on reduced Ordnance Survey Map; No. of Map.....
1 mile 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
1941			Balcombe	1 mi	S	St Mary's	1 mi	N.