

RAINFALL at Chichester, Abberlade, Merston

County of Sussex

Observer Miss V. Leonard

River Basin Lavant & C. 1

Rain Gauge, by British Association

Diameter ...											5"
Height											6
Altitude.....											244
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January.....											6.20
February ...											2.50
March											4.84
April											1.96
May57
June82
July											1.24
August											2.95
September...											1.19
October.....											.53
November...											2.43
December ...											5.65
TOTALS ...											30.58

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	50	44	Drayton	3/4 Mi	N.	Merston		

RAINFALL at Merston AbelandsCounty of SussexObserver Miss V. HannardRiver Basin Levante & c. 1M.O. Rain Gauge, by British Assoc.

Diameter ...	5"										
Height	6										
Altitude ...	24										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	3.88	3.80	3.51	1.39	2.97	4.16	3.87	2.46	4.98	1.16	4.30
February66	.90	3.08	4.72	.32	4.74	2.32	3.84	1.81	1.33	1.39
March	2.71	1.03	1.92	2.50	1.57	.28	.58	3.20	1.94	.12	1.33
April.....	2.79	.90	3.17	3.70	2.47	2.67	4.16	1.68	2.21	.83	2.34
May	1.14	1.42	.72	2.72	3.63	3.46	2.31	1.23	1.16	2.50	1.61
June	2.24	.03	1.32	.58	3.62	-	2.46	3.65	2.18	2.37	.65
July	4.86	.36	3.59	1.16	2.77	2.91	1.49	2.56	1.77	2.17	2.18
August	1.02	1.82	3.52	2.30	2.95	3.88	2.21	4.00	2.46	2.30	3.46
September...	3.08	.63	1.87	2.15	4.81	2.56	.43	6.34	0.42	1.75	2.43
October.....	2.66	1.44	.75	5.72	4.51	3.49	2.39	2.10	5.92	6.26	2.30
November...	1.53	2.27	1.66	2.09	2.03	4.07	6.44	2.82	3.23	6.73	5.28
December...	2.70	1.98	3.69	3.22	4.33	4.66	.34	4.24	4.18	6.68	3.05
TOTALS...	29.27	16.58	28.80	32.25	35.98	36.88	29.30	38.12	32.55	33.20	30.32

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 Direction from gauge		Parish Church.	Distance Direction from gauge
				sq mi	N		
1920			Drayton	1	mi N	Merston	4/4 mi S

RAINFALL at Marston (Abelands)

County of Sussex

Observer Miss V. Kermarct

River Basin Lavant + c 1

Type of Gauge M.O.

Annual Average 28.3 in. based on 20 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

Diameter	5	Height	6	Altitude	22	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total Means
January	2.47	2.70	2.06	2.40	78	4.46	5.56	3.90	5.80	2.94	3307						
February	1.83	1.14	2.84	1.02	3.61	2.56	5.43	1.45	1.44	3.47	2179						
March	.92	1.44	2.69	2.44	.54	1.59	3.37	.51	1.35	3.30	1815						
April	2.89	2.52	1.26	2.87	3.41	1.64	3.29	1.05	2.87	1.19	2199						
May	3.10	4.10	2.65	1.50	.88	1.31	2.54	1.65	1.44	.60	1777						
June	1.57	1.77	2.03	1.22	2.63	4.13	.99	.60	1.31	.22	1647						
July	3.16	3.80	1.63	1.09	.88	4.43	1.61	1.40	2.24	3.29	2355						
August	3.78	1.87	1.07	2.75	3.30	.79	2.42	2.79	1.82	.04	2063						
September	3.39	2.76	3.19	2.28	1.34	2.44	2.07	2.83	0.76	1.92	2598						
October	.56	1.12	2.25	2.45	3.66	1.31	2.38	4.20	6.10	4.14	3417						
November	4.02	1.83	1.07	3.76	7.93	5.24	1.96	4.29	7.24	7.11	4442						
December	1.06	1.34	.65	9.41	3.89	3.12	4.78	(3.51)	1.86	2.46	3207						
TOTALS	28.75	30.39	23.39	31.19	35.85	32.02	36.40	27.18	34.21	30.68	31196						

1938 Dec. 19th - 26th snow adjusted for snow.

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
1931 from map '38			Drayton	3/4 m. " " "	N. N.W.	Marston	1 m. 5/8 m. SSW.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 423

RAINFALL at Menston (Allendale)

41

County of SussexObserver M. J. K.

The Hon. Sybil Hood.

River Basin SevernType of Gauge M.O.

Annual Average 22.2 in. based on 20 years obs. un-weighted. Period of average 1921-1945. Ref. S.

File No. 792783/28

Diameter	5"			320	445							
Height	1'0"		0 9		1							
Altitude	762		24		41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.47	3.74	5.67 (2.20)	1.73	1.94	3.39	4.87	89	1.43			27.95
February	3.03	.56	1.36	.77	1.17	2.95 (2.32)	1.25	1.26	5.58			14.67
March	2.82	3.19	.68	.28	1.08	1.12	7.58	.69	1.58	1.27		19.92
April	1.27	1.56	1.07	2.16	1.02	1.64	2.18	.95	1.32	2.33		13.17
May	1.95	2.76	2.70	.80	1.96	3.17	1.12	1.92	2.18	1.07		18.50
June	1.49	.34	1.35	1.93	1.90	2.44	1.48	1.91	.65	1.22		13.79
July	3.03	1.26	3.01	2.79	6.21	1.79	2.28	1.32	.28	2.39		21.97
August	3.60	4.14	1.30	1.80	2.57	5.60	.83	3.81	1.41	2.21		25.06
September	2.20	2.45	1.96	1.96	1.92	3.30	1.55	1.68	1.90	2.89		16.92
October	1.30	4.08	3.95	3.77	2.31	1.22	.68	2.00	8.35	1.68		27.66
November	3.29	1.58	2.04	5.02	.21	4.97	1.45	2.20	3.60	5.37		26.36
December	2.70	3.71	2.45	2.04	3.78	3.24	2.52	3.80	2.34	2.43		26.58
TOTALS	28.15	29.37	27.54	25.52	25.86	33.38	27.68	26.40	25.76	28.87		
	D	D	D	D	D	D	D	D	D	D		

1941. A few shrubs 5'-7' high 20° S.W. 7yds N.E.
 1942. Bushes about 8' high 6° E. 3m knee fairly tall 30° W.
 1944. Gauge moved 100° W Jan 31st Used fence 5' high N. Shrub 6' high N.
 1947. Felt foot for snow. 4000 ft. Clouds of trees & shrubs 10° N. 2000 ft.

24.9.66
24.9.66
24.9.66
24.9.66

(Leaving about 1946) Take up gauge last Dec 1946)

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			Chester	2 miles	W	Moston	1 mile	S.W.

Station No. 423

RAINFALL at MERSTON (ABELANDS)

County of SUSSEX

Observer Frank Henry Sybil Hood,

River Basin LAVANT & C. I.

The Horsey Sybil Hood. Observations March 1916

Type of Gauge M.O.

Annual Average 28.8 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 792783/38

Diameter	5"		320	445							
Height	0' 9"				1						
Altitude	261? 24				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.71	3.22	1.36	1.25	3.21						
February	6.24	6.68	1.53	3.07	.65						
March	3.73	3.29	.41	2.66	1.11						
April	2.44	1.53	1.98	.23	.17						
May	2.21	2.01	1.93	2.74	1						
June	2.08	1.10	3.60	2.62	-100						
July	2.47	.54	3.37	4.24	-100						
August	5.35	2.06	1.10	1.88	1.35						
September	3.36	3.67	2.31	(2.50)	2.22						
October	1.70	3.19	2.63	(3.00)	2.79						
November	5.35	3.85	1.36	5.64	1.27						
December	3.12	3.20	.62	2.52	3.25	#					
TOTALS	41.76	28.34	12.20	33.35							
	D	D	d	'd'n'nb							

1951. Sp. 1 - Nov. Unreliable circumstances precluded reading. 2W1700

1954. n.p. inc. Sept.-Oct. est'd, also pt. Nov.

1955. n.p. 170. No obs. 10/5 to 20/7.

1956. Terminated.

00144

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SU 896034

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Chichester	20 25 ml. ✓	SE WN WNW	Merton	12 114 yds 760	S SSW

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
	c 1919	✓	✓	✓ but d 32-34	✓	✓