

# RAINFALL AT *Hailsham Magham Down*

Lat. .... Lon. .... County of *East Sussex*  
 Rain Gauge, by ..... Observer *W. Bearley*

Diameter ..				...	5						
Height ....				...	1 2				2.9		
Altitude ..				100	90						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..		<i>0</i>									
February ..		<i>7.74</i>	<i>1.28</i>	<i>2.68</i>	<i>4.77</i>	<i>1.18</i>	<i>4.65</i>	<i>1.02</i>	<i>1.36</i>	<i>.95</i>	
March ....		<i>1.35</i>	<i>1.33</i>	<i>1.41</i>	<i>3.56</i>	<i>.69</i>	<i>2.67</i>	<i>1.41</i>	<i>1.09</i>	<i>.21</i>	
April .....		<i>1.54</i>	<i>1.78</i>	<i>2.90</i>	<i>1.15</i>	<i>5.14</i>	<i>1.48</i>	<i>.69</i>	<i>2.48</i>	<i>4.25</i>	
May .....		<i>2.22</i>	<i>.61</i>	<i>1.99</i>	<i>.95</i>	<i>1.49</i>	<i>1.38</i>	<i>3.26</i>	<i>2.06</i>	<i>1.76</i>	
June .....		<i>.97</i>	<i>2.04</i>	<i>2.33</i>	<i>2.79</i>	<i>1.20</i>	<i>2.28</i>	<i>3.02</i>	<i>1.29</i>	<i>1.34</i>	
July .....		<i>.96</i>	<i>2.78</i>	<i>2.12</i>	<i>1.17</i>	<i>2.97</i>	<i>1.63</i>	<i>2.27</i>	<i>1.20</i>	<i>1.63</i>	
August ....		<i>2.31</i>	<i>1.12</i>	<i>6.05</i>	<i>.89</i>	<i>.78</i>	<i>.42</i>	<i>1.75</i>	<i>3.41</i>	<i>2.43</i>	
September..		<i>1.58</i>	<i>4.32</i>	<i>3.81</i>	<i>1.40</i>	<i>2.99</i>	<i>.81</i>	<i>1.39</i>	<i>4.10</i>	<i>2.88</i>	
October....		<i>.87</i>	<i>.97</i>	<i>2.80</i>	<i>1.38</i>	<i>2.78</i>	<i>1.27</i>	<i>.59</i>	<i>2.41</i>	<i>3.23</i>	
November..		<i>1.93</i>	<i>2.62</i>	<i>6.72</i>	<i>1.75</i>	<i>2.39</i>	<i>4.13</i>	<i>5.78</i>	<i>1.91</i>	<i>7.51</i>	
December ..		<i>.30</i>	<i>2.83</i>	<i>2.22</i>	<i>1.27</i>	<i>4.74</i>	<i>6.61</i>	<i>2.70</i>	<i>1.24</i>	<i>1.45</i>	
TOTALS ..		<i>19</i> <del><i>20.32</i></del>	<i>23.70</i>	<i>37.16</i>	<i>24.12</i>	<i>27.28</i>	<i>29.35</i>	<i>26.83</i>	<i>26.55</i>	<i>34.54</i>	

*1901 Cont'd by surrounding stations*

*about 6 miles straight line to Sea. S of Perenny. Southdown to S.W.*

*Hurstonmoor Hills to E.*

*Not printed in "B.R." previous to 1903*

*1904 Hailsham Church 2 miles S.W.*

*Hailsham Station on 2 miles S.W.*

*Hellingby Station 1 3/4 " "*

*Stable 18 ft high 40 ft W.*

RAINFALL at Hailsham Magham DownCounty of SussexObserver W.E. Bear E & M Bealey 1910River Basin Cuckmere + C 5London Rain Gauge, by N 3

Diameter ...	5											
Height .....	2.9				1.0							
Altitude ...	907											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sum
January ...	3.56	1.45	2.35	4.09	.86	3.70	1.49	1.18	3.77	5.28		16.19
February ...	4.28	1.58	2.21	1.12	4.02	4.24	4.67	.82	.95	2.70		11.72
March .....	1.52	2.50	3.87	2.63	5.07	.61	2.74	1.45	1.02	6.07		9.14
April .....	1.84	1.80	.05	3.85	1.03	1.41	1.48	1.45	2.53	2.92		9.28
May .....	2.04	.67	1.54	.71	.67	3.53	2.07	1.50	(1.75)	.28		8.38
June .....	2.28	1.94	3.16	.68	1.06	.83	2.63	3.51	.95	.51		5.57
July .....	2.28	.28	1.00	2.38	2.55	3.81	.88	2.57	3.95	1.44		7.60
August .....	1.72	.83	5.48	1.85	.68	.81	1.67	5.66	1.27	3.17		8.79
September ..	.30	1.13	3.48	2.00	1.24	2.47	1.52	1.50	6.23	1.52		11.77
October ...	3.69	6.06	4.43	6.05	2.45	3.36	5.47	4.29	2.76	.63		10.77
November ..	6.14	5.89	1.86	4.18	4.37	3.60	4.88	1.50	2.40	2.92		13.15
December ...	3.65	6.22	3.80	1.44	7.68	8.13	4.44	2.24	2.45	4.41		11.70
TOTALS ...	33.30	30.35	33.23	30.98	31.68	36.50	33.89	27.67	30.03	29.82		1354

1910 Stable 20ft high 40ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50° 52'	0.14 E	Hellingby	2 m	W	Hellingby	2 Miles	W

RAINFALL at Hailsham Magham DownCounty of SussexObserver E. M. Dear EsqRiver Basin Cuckmere & c.Snowdon Rain Gauge, by N.S.G.

Diameter ...	5"											
Height .....	1 0											
Altitude ...	90											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN.	
January ...	3.83	2.39	4.30	1.29	2.53	3.41	3.37	2.32	4.26	1.33	3.58	Totals 32.61
February ...	.47	.75	2.46	4.18	.87	4.11	2.81	3.37	1.41	.81	1.70	22.94
March .....	2.02	1.61	1.82	2.16	1.61	.87	.36	4.29	1.54	.06	1.81	18.15
April .....	2.45	1.25	3.11	2.64	2.74	2.87	3.42	1.87	2.23	.77	1.76	25.11
May .....	1.23	1.33	.56	3.74	3.18	2.82	2.79	.32	2.67	.92	2.80	23.86
June .....	1.29	.00	1.75	.55	1.96	.09	3.06	4.38	2.31	2.28	1.12	18.79
July .....	4.65	.50	2.91	3.63	2.75	4.77	2.19	3.32	1.52	.13	1.54	27.91
August .....	2.06	1.07	3.58	2.31	4.63	1.74	2.73	4.75	1.46	2.30	3.38	30.01
September...	3.06	.60	2.96	2.84	2.65	2.85	.58	5.03	.30	1.05	3.37	25.29
October .....	1.71	1.01	1.23	7.22	5.27	4.55	3.05	1.90	7.61	3.85	2.76	40.16
November...	1.81	1.68	1.76	2.63	3.81	3.44	8.16	3.50	4.23	7.77	6.50	45.29
December...	3.68	3.04	3.52	3.52	5.36	4.94	.79	5.46	3.12	6.87	3.61	43.91
TOTALS...	28.26	15.23	29.96	36.71	37.36	36.46	33.31	41.01	32.66	30.14	33.93	355.03
	D	D	D	D	D	D	D	D	D	D	D	✓

211W

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

No. of Map

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	50° 52'	0° 14'	Hellingly	2 mi	W	Hellingly	2 1/4 mi	W



RAINFALL at Hailsham (Magham Down)County of SussexObserver E. M. Bear, Esq.River Basin Cuckmore & C. 5Type of Gauge KnowltonAnnual Average 28.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Survey  
computer x/36 943.415/39

Diameter	5											
Height	1	0										
Altitude	90											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	2.53	3.14	1.85	2.55	.90	4.27	5.56	4.24	6.28	2.80	34.42	
February	2.42	.18	1.99	.25	3.93	2.09	5.49	.95	1.49	2.11	20.90	
March	.55	1.34	2.23	3.40	.66	1.32	3.93	.66	1.46	2.72	18.27	
April	3.39	2.04	0.95	2.57	3.27	1.88	2.84	.50	2.35	1.38	21.17	
May	2.08	3.23	1.54	.54	1.34	.65	2.64	2.91	1.26	1.85	18.04	
June	1.34	1.27	1.88	1.11	1.88	4.49	1.60	.64	1.05	.43	15.69	
July	3.58	3.44	1.83	1.02	.14	3.71	.96	2.07	1.94	2.61	21.02	
August	3.44	.78	0.75	3.27	4.56	1.08	1.85	1.45	1.58	-	18.76	
September	1.70	2.37	3.20	1.15	5.58	1.53	2.19	4.01	.50	1.64	23.87	
October	.58	7.50	1.97	1.85	4.45	1.35	3.41	4.06	7.51	3.99	36.67	
November	5.05	1.24	1.31	3.50	7.47	4.57	1.68	3.81	6.38	7.31	42.32	
December	1.02	.50	1.14	8.54	4.12	2.77	4.25	3.52	1.56	2.50	29.92	
TOTALS	27.68	27.03	20.34	29.75	38.30	30.01	36.40	28.82	33.38	29.34	301.05	KM

1931, Trees 148' high, 40 yds. S.W. } Trees to be topped.  
 " " 50' " 35 " S.E. }  
 (1920) 20' " " " " }

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 from map 38.			Hellingly	1 <sup>3</sup> / <sub>4</sub> m.	N. W.	Hailsham.	2 <sup>1</sup> / <sub>4</sub> m.	S. W.
			"	1 <sup>1</sup> / <sub>2</sub> m.	W. N.	"	1 <sup>3</sup> / <sub>4</sub> m.	S. W.

Station No. 542.M.RAINFALL at Halesham (Magham Down)

41

County of Sussex Observer E. M. Bear Esq.River Basin Southdown S.C.S.Type of Gauge SnowdonAnnual Average 23.4 in. based on 25 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 943.4.15/29

Diameter	5"			309	130						
Height	1'0"				1						
Altitude	90'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Totals Means
January	4.50	2.90	5.68	1.58	2.23	2.78	2.58	4.96	1.32	1.12	29.65
February	3.33	.60	1.39	1.09	1.77	2.88	2.29	1.44	1.39	5.11	21.29
March	2.44	3.49	.35	.08	1.21	1.51	6.54	.82	1.12	1.33	18.89
April	1.09	1.18	1.89	1.21	1.29	1.32	1.79	.98	1.47	2.28	14.50
May	2.20	2.72	2.68	.77	2.36	3.44	1.78	2.18	1.54	1.12	20.79
June	1.97	.34	1.39	1.13	1.55	2.17	2.33	1.98	.57	.83	14.32
July	2.77	1.94	1.89	2.11	3.53	2.01	1.79	1.79	.27	1.81	19.91
August	4.87	1.95	1.12	3.01	1.39	5.74	.09	4.51	1.11	3.15	26.94
September	.73	2.70	1.62	2.43	2.45	2.92	1.46	2.34	2.00	2.75	21.40
October	1.11	3.94	2.53	4.54	3.28	.70	.87	2.36	7.56	1.24	28.13
November	4.71	1.55	1.95	5.83	.41	5.12	1.67	2.39	4.23	6.59	34.51
December	2.02	2.93	2.41	2.17	3.98	3.41	2.81	3.16	14.6	2.47	26.82
TOTALS	31.74	26.24	24.90	26.07	25.45	34.00	26.00	28.91	24.04	29.80	277.15

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

BRITISH RAINFALL ORGANIZATION

Station No. 542

M

RAINFALL at HAILESHAM (MASHAM DOWN)

51

County of SUSSEX Observer E. M. BEAR, F.S.R.River Basin CUCKMERE & C - 5Type of Gauge SNOWDONAnnual Average 28.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S  
30.13 " " " " " 1916-1950 1916-1950 43.415/29File No. 1916-1950

Diameter ...	5'			309	130						
Height ...	1' 0"				1						
Altitude ...	90'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.69	2.78	1.10	1.45	4.28						
February ...	6.67	1.12	1.37	2.39	1.72						
March ...	4.21	2.88	.22	3.40	-100						
April ...	2.00	1.32	1.76	.45							
May ...	2.45	1.51	1.31	1.57							
June ...	1.05	.72	1.46	2.28							
July ...	1.69	.71	3.55	2.62							
August ...	5.60	4.03	2.47	3.45							
September ...	3.96	3.71	3.86	2.91							
October ...	3.18	3.40	3.11	2.63							
November ...	5.66	4.89	2.77	5.92							
December ...	2.79	3.87	.63	1.97	-100						
TOTALS ...	42.95	30.74	23.61	32.04	-100						
	D	D	D	D	N.C.						

July 55 Inundated Observer ill

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 51-609116

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-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓	✓	✓	