

RAINFALL AT Hereford, Buryhill,

70

Lat.

Lon.

County of Hereford

Rain Gauge, by

Observer J. A. Chapman Esq M.D.

Wye - 1.

Diameter...							5				
Height							1.4				
Altitude							275				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1.78	3.46	1.48	2.02	
February. . .							2.36	1.55	1.15	3.03	
March.....							2.73	2.05	.77	.89	
April							2.47	2.63	2.32	1.65	
May .....							.29	2.39	4.78	2.43	
June							1.16	.88	2.37	5.95	
July.....							.80	2.90	.51	1.77	
August							1.54	4.58	6.58	5.88	
September ..							5.09	2.02	4.18	2.98	
October							2.37	2.00	3.74	.99	
November ..							4.10	2.84	2.41	.62	
December ..							6.06	1.74	2.02	.70	
TOTALS ..							30.75	29.04	32.31	28.91	

1876 March 2.82 erroneously sent to Met. Socy.

RAINFALL AT *Hereford, Bunchill* 80

Lat. _____

Lon. _____

County of _____

Rain Gauge, by _____

Observer *F. A. Chapman, Esq. M.D.*

Wye - 1.

Diameter											
Height	<i>1.4</i>		<i>1. -</i>								
Altitude	<i>275</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>5.4</i>	<i>1.44</i>	<i>1.92</i>	<i>3.00</i>	<i>2.21</i>	<i>2.15</i>	<i>3.82</i>	<i>1.90</i>	<i>.52</i>	<i>.56</i>	<i>1.806</i>
February	<i>2.87</i>	<i>2.94</i>	<i>2.56</i>	<i>3.61</i>	<i>2.33</i>	<i>3.56</i>	<i>1.13</i>	<i>.140</i>	<i>.67</i>	<i>1.42</i>	<i>2.149</i>
March	<i>9.2</i>	<i>1.58</i>	<i>.91</i>	<i>.84</i>	<i>2.28</i>	<i>1.31</i>	<i>2.11</i>	<i>1.13</i>	<i>2.99</i>	<i>2.60</i>	<i>1.667</i>
April	<i>1.22</i>	<i>.67</i>	<i>3.61</i>	<i>.81</i>	<i>1.33</i>	<i>2.14</i>	<i>2.01</i>	<i>.60</i>	<i>1.04</i>	<i>5.52</i>	<i>1.895</i>
May	<i>2.21</i>	<i>1.11</i>	<i>2.42</i>	<i>1.16</i>	<i>.52</i>	<i>2.19</i>	<i>6.77</i>	<i>1.77</i>	<i>.81</i>	<i>3.11</i>	<i>2.207</i>
June	<i>3.31</i>	<i>2.40</i>	<i>2.72</i>	<i>4.20</i>	<i>2.82</i>	<i>2.03</i>	<i>1.23</i>	<i>.96</i>	<i>3.59</i>	<i>.49</i>	<i>2.375</i>
July	<i>5.75</i>	<i>1.42</i>	<i>3.81</i>	<i>3.46</i>	<i>2.97</i>	<i>.15</i>	<i>1.71</i>	<i>.87</i>	<i>4.82</i>	<i>3.78</i>	<i>2.874</i>
August	<i>.20</i>	<i>3.93</i>	<i>2.20</i>	<i>1.28</i>	<i>1.96</i>	<i>1.76</i>	<i>1.05</i>	<i>1.82</i>	<i>2.15</i>	<i>2.02</i>	<i>1.837</i>
September....	<i>2.85</i>	<i>1.78</i>	<i>2.21</i>	<i>4.20</i>	<i>1.08</i>	<i>3.12</i>	<i>2.04</i>	<i>1.46</i>	<i>.44</i>	<i>1.29</i>	<i>2.047</i>
October	<i>4.80</i>	<i>1.92</i>	<i>4.45</i>	<i>2.87</i>	<i>.93</i>	<i>2.70</i>	<i>3.83</i>	<i>2.17</i>	<i>.57</i>	<i>2.44</i>	<i>2.668</i>
November....	<i>1.79</i>	<i>2.33</i>	<i>2.86</i>	<i>3.25</i>	<i>1.50</i>	<i>2.65</i>	<i>2.16</i>	<i>2.84</i>	<i>8.16</i>	<i>.85</i>	<i>2.839</i>
December	<i>3.43</i>	<i>2.18</i>	<i>2.80</i>	<i>.57</i>	<i>1.96</i>	<i>.81</i>	<i>3.80</i>	<i>1.91</i>	<i>2.77</i>	<i>1.22</i>	<i>2.139</i>
TOTALS	<i>29.59</i>	<i>23.70</i>	<i>32.47</i>	<i>29.19</i>	<i>21.89</i>	<i>24.57</i>	<i>31.66</i>	<i>17.83</i>	<i>28.53</i>	<i>25.30</i>	<i>26.503</i>

RAINFALL AT *Hereford (Bunhill)*

80

Lat.

Lon.

County of *Hereford*

(2nd)

Rain Gauge, by *for chemical name of*

Observer *J. H. Chapman Esq. M.D.*

Wye - 1.

Diameter				5							
Height				1-							
Altitude				275							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				3.08	2.47	2.28	3.91	1.89	.50	.56	
February				3.63	2.37	3.81	1.15	.39	.67	1.42	
March .....				.83	2.26	1.30	2.11	1.14	2.99	2.69	
April .....				.82	1.32	2.25	1.99	.59	1.02	5.51	
May				1.17	.53	2.19	6.75	1.75	.80	3.08	
June				4.22	2.84	2.03	1.22	.95	3.59	.48	
July				3.41	2.93	.15	1.70	.88	4.79	3.76	
August				1.29	1.96	1.78	1.06	1.79	2.17	2.01	
September				4.19	1.07	3.10	2.05	1.44	.43	1.28	
October				2.88	.91	2.82	3.82	2.17	.56	2.40	
November				3.25	1.50	2.71	2.16	2.78	8.13	.83	
December ....				.52	2.02	.85	3.76	1.88	2.79	1.22	
TOTALS				29.29	22.18	25.27	31.67	17.65	28.44	25.24	

1884 Bunhill Church 1 mile W. N. W.

RAINFALL AT

80

Lat.

Lon.

County of

Rain Gauge, by

Observer

Wye-1.

Diameter			5									
Height			1.									
Altitude												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January... ..			1.94	3.03	2.49	2.29	3.42	1.65				
February			2.61	3.77	2.38	3.60	1.15	3.0				
March .....			.90	.90	2.32	1.22	2.28	1.10				
April			3.91	.84	1.30	2.23	1.91	.59				
May			2.27	1.45	.46	2.17	6.87	1.67				
June			2.84	4.87	2.44	2.15	1.22	1.04				
July			3.55	3.53	3.31	.20	1.90	.94				
August			2.43	1.42	2.02	1.82	1.13	1.91				
September....			2.20	4.62	.99	3.52	2.04	1.35				
October			4.76	2.79	1.04	2.89	3.73	2.13				
November....			3.41	3.21	1.58	2.96	2.19	2.73				
December			2.83	.51	2.08	.87	3.63	1.77				
TOTALS			33.65	30.94	22.39	25.91	31.97	17.18				

RAINFALL AT Hereford Burghill Court

Lat. _____

Lon. _____

County of Hereford

Rain Gauge, by _____

Observer Miss E. D. Woodhouse

wye-1.

Diameter							5				
Height							10				
Altitude							2752	293			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								2.25	.44	4.00	
February								2.37	1.69	3.40	
March								3.19	.63	.51	
April								1.63	2.15	2.18	
May								1.20	4.63	1.52	
June								3.04	1.08	2.34	
July								2.18	1.17	.75	
August								3.56	1.33	.78	
September...							# 4.38	2.57	.68	2.83	
October							2.23	1.82	4.67	2.88	
November...							.73	1.44	1.82	1.97	
December							3.21	3.34	2.53	2.77	
TOTALS								28.59	22.82	25.93	

1897 Burghill Church 5 minutes NE
Cedar Tree 50 ft high 60 ft E

RAINFALL AT Hereford Burghill

Lat. _____

Lon. _____

County of Hereford

Rain Gauge, by _____

Observer J. A. Chapman Esq. M.D.Wye - 1.No 3C. S. Morrison Esq. M.D.

Diameter	5										
Height	10										
Altitude	275										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.94	1.59	2.06	1.95	2.30	4.44	.39	1.90	.32	3.87	
February ....	.68	.07	2.18	2.59	2.34	.07	.19	1.96	1.48		
March .....	.89	1.42	.68	.27	1.29	1.71	2.10	3.00	.58		
April .....	.81	1.44	.74	.17	1.58	2.01	.69	1.53	1.92		
May	1.86	2.90	1.68	2.23	2.91	.60	.14	1.05	4.32		
June	1.70	2.02	2.64	1.08	1.88	.79	1.87	2.85	1.06		
July	1.79	1.21	2.55	2.26	3.16	2.26	.81	2.35	.93	.75	
August	2.24	4.00	2.94	1.65	2.52	1.83	2.13	3.56	1.15	.78	
September ....	.65	1.32	1.90	.78	2.69	1.09	4.21	2.28	.61	2.83	
October	1.53	6.32	1.21	1.42	3.12	2.26	2.08	1.69	4.22		
November	2.07	2.36	2.00	1.10	3.98	4.69	.53	1.25	1.81		
December	1.26	3.13	1.06	3.64	1.60	2.50	3.02	3.25	2.45	2.77	
TOTALS	18.42	27.78	21.64	19.14	29.67	24.25	18.16	26.67	20.85		

RAINFALL AT

Hereford Bingham

Lat. _____

Lon. _____

County of _____

Hereford

Rain Gauge, by _____

Observer _____

J. A. Chapman Esq M.D.

Wye - 1.

76° 4

Diameter	5										
Height	1 0										
Altitude	275										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.90	1.58	1.90	1.88	2.25	4.42					
February ....	.69	.07	2.13	2.56	2.21	.07					
March .....	.89	1.42	.67	.27	1.25	1.69					
April .....	.79	1.41	.72	.16	1.85	1.99					
May	1.84	2.87	1.66	2.20	2.87	.59					
June	1.68	2.00	2.60	1.07	1.87	.78					
July	1.77	1.19	2.54	2.25	3.12	2.22					
August	2.22	3.93	2.93	1.62	2.46	1.84					
September....	.61	1.29	1.89	.77	2.66	1.09					
October	1.53	6.24	1.19	1.41	3.09	2.23					
November	2.07	2.35	1.99	1.09	3.94	4.65					
December	1.25	3.10	1.07	3.62	1.60	2.48					
TOTALS	18.24	27.45	21.29	18.90	29.17	24.05	Not Recorded				

RAINFALL AT Hereford Burghill Court

previous to 1908 Shallow rim Lat. Hereford Lon. Hereford
 1908 Snowdon Rain Gauge, by Short's Mason Observer Mr E. D. Woodhouse
 (Presumably)

Type - 1.

Diameter ..	5										
Height	8 10							1 6	1 2		
Altitude ..	293 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.23	1.94	.82	2.80	2.58	1.07	3.61	1.41	.85	.74	1.905
February ..	4.84	.93	1.19	1.92	4.33	.72	1.58	.97	.83	.51	1.782
March	1.33	2.21	1.30	3.84	1.53	3.24	1.15	.52	3.20	2.13	2.045
April .....	.84	2.58	1.84	1.84	1.03	2.49	1.05	2.23	3.05	1.69	1.864
May	2.17	.77	2.24	4.39	2.17	.60	2.14	3.35	1.57	.91	2.031
June	1.72	2.46	3.05	3.17	.82	3.32	2.30	2.64	.78	2.66	2.292
July	2.19	2.58	1.10	2.29	2.37	.93	.51	3.90	1.51	2.61	1.999
August	3.45	2.14	2.51	3.97	1.74	4.49	1.27	1.74	2.39	1.34	2.504
September..	.47	1.55	2.37	2.48	2.27	1.22	.79	.56	2.02	2.54	1.627
October	3.26	1.41	3.10	5.81	.75	1.87	4.51	7.17	2.11	2.48	3.247
November ..	2.46	.76	3.22	1.34	1.44	2.62	2.72	2.22	1.07	.76	1.861
December ..	5.11	4.79	1.53	1.86	2.10	.53	2.03	2.52	2.21	4.35	2.703
TOTALS ..	31.07	24.12	24.27	35.71	23.13	23.10	23.66	29.23	21.59	22.72	25.860

1900 Burghill Church 5 minutes NE

Tree 50 ft high 9 ft NE

1903 Credenhill Station 1 1/4 mile W

1908 Snowdon g. substituted

Inspected by H.R.M. 16.X.08. High cylinder g., on lawn with evergreen
 rather close on NE.



RAINFALL at Burghill LochCounty of HampshireObserver Miss E. D. WoodhouseRiver Basin Wye

1

Sunderdon Rain Gauge, by

Diameter ...	5											
Height	10											
Altitude ...	293 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.13	.57	3.80	3.56	.53	2.09	.94	1.11	2.53	2.51		Total 18.79
February ...	3.24	1.11	1.42	1.20	2.24	3.84	4.02	1.16	.87	2.72		7.09
March .....	.46	1.45	3.89	4.60	1.95	.60	4.10	3.31	1.62	4.51		8.77
April	2.07	.75	.18	4.01	.93	.90	.76	1.66	2.09	1.33		13.54
May	1.60	1.19	2.02	2.02	1.83	3.62	2.96	3.28	2.46	.23		5.84
June	4.71	2.07	3.56	.56	1.99	.79	1.35	1.72	.45	.67		8.93
July	1.59	.36	2.94	.45	4.15	4.45	1.89	1.86	2.43	1.87		449
August	4.36	1.12	6.62	.90	1.23	2.61	1.56	5.56	2.25	2.26		8.05
September ..	.47	1.42	.80	3.14	.93	.72	.77	2.18	7.11	1.37		11.62
October ...	3.19	1.57	2.62	3.52	2.06	3.87	4.31	2.72	1.05	1.77		11.43
November ...	3.49	2.34	1.27	2.29	2.46	2.06	2.30	.91	1.90	.94		9.85
December ...	5.11	6.58	3.18	.87	5.36	5.15	1.85	.81	2.37	2.62		6.05
TOTALS ...	32.42	20.53	32.30	27.12	25.66	30.60	26.80	26.28	27.13	22.80		7.65
	D	D	D	D	D	D	D	D	D	D		103.01

1912 Cedar tree 50 ft high 3 yards base NE

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			^{2 ch} Burghill (Canal)	5 m	NE	^{2 Station} Burghill (Station)	2 1/2 m	W

RAINFALL at Burghill CourtBurgess Fruit Farm
(from Sept. 1926)County of HerefordObserver Miss E. S. Woodhouse July 7-26River Basin Wye - 1* Boddington (x1/26)M.O.
Angus Rain Gauge, by

Diameter ...	5						5					
Height	1.0						1.0			1.0		
Altitude ...	293						300					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	
January ...	2.99	2.24	2.98	1.06	3.33	2.01	3.34	2.86	3.31	.93	5.15	Totals. 30.20
February ...	.74	.15	2.50	5.32	.23	3.38	1.56	2.17	1.77	.94	.55	19.36
March	3.35	1.31	2.15	1.01	1.20	.68	.39	2.31	2.58	.07	2.60	17.65
April	3.93	.59	1.84	2.04	1.73	1.28	2.02	1.00	1.07	.79	3.08	19.37
May	1.39	.85	.65	1.11	4.39	3.53	2.01	1.05	.63	2.05	1.82	19.48
June	2.64	.22	.63	.34	1.96	.00	1.09	3.13	2.67	2.28	.32	15.28
July	4.34	.40	2.70	1.94	4.23	1.71	1.91	2.55	1.24	1.55	2.11	24.73
August .....	.64	2.27	2.03	1.24	2.01	3.73	1.86	3.59	1.64	.71	2.76	22.48
September...	1.80	1.42	1.28	1.41	4.29	2.69	.62	3.93	.97	1.27	4.27	23.95
October	2.69	1.26	.26	3.89	3.23	2.47	2.45	2.01	4.13	4.23	2.59	27.21
November...	.71	1.92	.89	1.20	2.67	1.40	5.89	2.70	2.53	7.43	2.54	27.88
December...	2.30	1.10	3.43	1.61	3.18	2.55	.44	2.06	2.23	6.18	3.51	28.59
TOTALS...	27.52	13.73	21.34	22.17	32.55	25.43	23.58	29.36	24.77	28.43	31.30	280.18
	P	P	P	P	P	P	P	P	P	P	P	P

1921. Cedar Tree 50 ft. high 3 yds N.E.

* 1926. Gauge moved to Fruit Farm x1/26 300 yds NE f662969/26
Cupressus 15' high 20' NW
House 30' SW SSE.

1929. Cupressus killed by frost & removed.

Position of Station on reduced Ordnance Survey
Map, 2 miles 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
1920.			Burghill	2 1/2 mi	VV	Burghill	5 mi	N.E.
1926			do	2 M.	W	- do -	250 yds	E

RAINFALL at Burghill (Hereford Co. Mental H.)County of HerefordObserver H. Boddington Esq.River Basin Wye - 1Medical Superintendent (1935)Type of Gauge N.O. B.A. (1939)Annual Average 26.3 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. S

663969/26

Diameter	5											
Height	10						0 10		1 0			
Altitude	310			300			300					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.10	2.72	1.59	2.31	.58	4.32	3.26	2.62	5.89	3.63	28.02	
February	1.67	.09	3.83	.26	1.91	2.19	4.02	.52	1.23	2.86	18.58	
March	.49	1.50	1.90	2.15	.47	2.19	2.69	.14	1.34	1.34	14.21	
April	3.34	2.11	.95	2.17	3.67	2.16	1.67	.14	2.04	2.47	20.72	
May	3.56	4.79	1.45	1.05	.38	.93	2.81	2.11	0.73	2.23	20.04	
June	3.46	.95	1.45	.79	3.43	3.79	.67	1.38	1.52	.75	18.19	
July	3.35	2.17	.78	1.21	.28	4.61	2.40	2.56	4.25	2.56	24.17	
August	4.06	2.41	.51	2.80	1.12	.22	1.67	3.87	1.51	.14	18.31	
September	1.68	2.57	1.41	1.21	2.68	2.30	1.42	2.12	0.90	1.85	18.14	
October	.56	3.95	4.49	.93	2.39	1.45	3.85	3.09	2.54	3.57	26.82	
November	4.99	1.67	.51	1.30	4.66	2.59	1.37	3.46	4.53	6.93	32.01	
December	.81	1.47	.59	4.66	3.03	3.23	2.15	4.35	1.52	1.65	23.46	
TOTALS	29.07	26.40	19.46	20.84	24.60	29.98	27.98	26.36	28.00	29.98	262.67	24.8

no trees other than flowering shrubs.

House 25' high 25 yds. S.E.

Fir tree 15' high 30' N.

1935. The Boddington sold Farm at end of August 1935. Gauge handed over to Hereford County & City Mental Hosp. & erected by Mr Boddington. Change of site 1 mile S.E. same elevation & regarded as continuous record.

1937 Vegetables 1.2' high with 1 yd round gauge

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
1934.3.			Hereford	4m	S.E.	Burghill	200 yds.	S.E.
1937			Hereford G.W.R.	3mb.	S.E.	Burghill	1/4 mb.	N.

RAINFALL at Burghill (Hereford Co. Forest St.) Hospital* Station No. 2235 41
 County of Hereford Observer The Medical Superintendent
 River Basin Wye - 1
 Type of Gauge B.P.

Annual Average 26.3 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. GG396.9/26

Diameter	5"				4 1/4	5 3/4						
Height	1' 0"					1						
Altitude	300'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	5.62	2.75	5.72	1.91	1.69	2.51	2.05	4.28	.77	.46		Totals 27.66
February	2.75	.40	1.25	.67	1.43	1.91	1.77	1.34	.90	4.36		16.78
March	2.34	2.44	.91	.26	.57	.63	5.77	1.08	1.43	1.16		16.59
April	.96	1.45	.71	.90	1.01	2.05	2.48	1.71	2.21	1.78		15.21
May	2.21	2.95	2.75	.37	2.16	3.63	2.37	3.17	2.47	1.07		23.15
June	2.47	.28	2.39	1.19	2.95	1.65	1.23	2.13	.42	1.56		16.26
July	2.29	1.04	1.03	1.66	3.49	2.24	1.70	.85	1.21	3.16		18.6
August	3.08	2.67	2.11	2.45	5.30	5.64	.94	4.32	1.25	3.72		31.48
September	.95	1.28	2.17	1.97	1.39	3.72	1.10	2.25	2.34	3.26		20.43
October	1.94	1.57	2.44	3.98	3.58	1.04	.29	2.58	5.62	1.06		24.00
November	2.36	.59	1.60	3.80	.49	4.80	2.05	1.85	3.12	4.41		25.07
December	1.20	3.44	1.44	1.96	3.94	2.30	2.02	4.74	1.46	1.46		23.96
TOTALS	27.97	26.86	24.52	21.12	28.00	32.12	28.77	30.30	23.20	27.40		259.26

1941 cabbage 1' high 4 yds all round. 1946 Vegetables 1 ft. 4 ft. all round.

* 1948. Adopt designation - Burghill Hospital.

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			Hereford.	3 m.	S.	Burghill	1 m.	N.

BRITISH RAINFALL ORGANIZATION

51

Observer *Deborah L. G. ...*

(Depulz Group Secretary
Club of the Hospitals)

Bank of the Hospitals

1916 - 1950 1920/12/26 S

File No. 663969/26

459:- No. of days incub. Some small ants, probably omitted, or left for next ob.

National Grid Reference ~~SO~~(32) 482433

Summary of Earlier Records from 10-year Sheets :

(62) Wt. 13072—389 ROM 6/50 T.S. 841