

Weston Point

W. Runcom.

Cheshire.

E. Leader Williams Jr.

3.10

15.66

5 in + ground. 2.10 in 64

+ Sea Level. 22 ft.

upper marsh - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				# 3.02	1.04	.76	2.30	2.46	1.79	2.70	
February - -				.39	1.59	1.79	2.46	1.77	1.72	2.67	
March - - -				1.00	1.67	1.61	1.71	1.94	2.63	1.48	
April - - -				.86	1.50	1.50	1.06	3.25	1.36	2.52	
May - - -				1.45	1.78	2.59	1.35	1.66	1.58	4.37	
June - - -				3.90	1.95	.52	3.92	1.02	.32	1.13	
July - - -				1.70	1.77	.46	3.41	4.92	.45	.78	
August - -				2.53	1.57	4.33	4.26	1.59	3.63	2.44	
September -				2.38	3.08	.39	5.26	2.41	2.32	5.92	
October - -				5.63	1.47	2.45	2.11	3.98	4.34	2.05	
November -				3.37	2.03	1.84	3.93	1.04	2.17	3.35	
December -				2.17	1.30	.71	2.00	3.23	6.70	2.80	
TOTALS -				28.40	20.75	18.95	33.77	29.47	29.01	32.21	

1863 on 109 June. 2.99 in fall.

Began registering in 1863, using float gauges

RAINFALL AT *Runcorn Western Point.*

Lat.

Lon.

 County of *Cheshire*

Rain Gauge, by

 Observer *L. B. Wells Esq C.E.*
Upper mercury - 1.

Diameter...	8	5							4		
Height	1.6								2.4		
Altitude	15								23 ^T	18	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	2.29	1.51	3.02	1.86					3.81	1.26	
February....	1.19	3.05	1.68	.19					1.34	2.45	
March.....	1.73	1.68	1.44	2.94					1.41	.99	
April	1.64	2.67	2.54	2.4					1.10	1.76	
May .....	.72	1.63	1.30	2.06					3.26	2.01	
June	1.92	2.46	3.14	1.52					3.26	3.64	
July.....	.88	3.87	5.28	2.15					.85	2.28	
August	1.30	1.77	2.34	2.55					4.73	5.36	
September ..	2.45	4.87		2.25					3.18	3.28	
October	5.94	3.92		3.54					2.71	1.55	
November ..	2.78	1.57		2.33					1.67	1.03	
December ..	2.82	1.98	3.32	.62					2.02	1.40	
TOTALS ..	25.66	30.88		22.25					29.34	27.01	

1878 Wood fence 30ft distant 4ft 6in high

2734 80

RAINFALL AT *Faucorn, Weston Point*

Lat. _____

Lon. _____

 County of *Cheshire*

Rain Gauge, by _____

 Observer *L. E. Wells, Esq., C. E.*
upper mercury - 1.

Diameter	<i>14</i>										
Height	<i>2. 14</i>										
Altitude	<i>18</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.91</i>	<i>.55</i>	<i>2.81</i>	<i>3.47</i>	<i>2.88</i>	<i>1.46</i>	<i>5.04</i>	<i>2.65</i>	<i>1.76</i>	<i>.82</i>	<i>2.235</i>
February	<i>1.54</i>	<i>3.95</i>	<i>2.69</i>	<i>1.97</i>	<i>2.32</i>	<i>2.17</i>	<i>.94</i>	<i>.45</i>	<i>.82</i>	<i>1.96</i>	<i>1.881</i>
March	<i>1.79</i>	<i>3.64</i>	<i>2.55</i>	<i>1.62</i>	<i>1.09</i>	<i>2.29</i>	<i>2.06</i>	<i>1.15</i>	<i>2.51</i>	<i>1.78</i>	<i>2.048</i>
April	<i>1.32</i>	<i>2.13</i>	<i>3.95</i>	<i>1.15</i>	<i>1.28</i>	<i>2.15</i>	<i>1.38</i>	<i>.50</i>	<i>.63</i>	<i>2.66</i>	<i>1.715</i>
May	<i>2.90</i>	<i>4.18</i>	<i>1.99</i>	<i>.84</i>	<i>1.98</i>	<i>1.78</i>	<i>6.69</i>	<i>2.06</i>	<i>.50</i>	<i>2.12</i>	<i>2.5014</i>
June	<i>3.62</i>	<i>2.50</i>	<i>5.94</i>	<i>3.28</i>	<i>2.45</i>	<i>3.76</i>	<i>3.37</i>	<i>.94</i>	<i>2.68</i>	<i>.37</i>	<i>2.890</i>
July	<i>5.68</i>	<i>3.13</i>	<i>4.56</i>	<i>3.83</i>	<i>3.33</i>	<i>2.70</i>	<i>2.89</i>	<i>1.27</i>	<i>5.80</i>	<i>3.13</i>	<i>3.647</i>
August	<i>2.48</i>	<i>5.07</i>	<i>3.50</i>	<i>2.21</i>	<i>2.60</i>	<i>2.38</i>	<i>1.44</i>	<i>2.62</i>	<i>2.87</i>	<i>4.49</i>	<i>2.966</i>
September....	<i>2.98</i>	<i>2.16</i>	<i>3.91</i>	<i>6.78</i>	<i>3.46</i>	<i>4.36</i>	<i>4.56</i>	<i>4.52</i>	<i>.69</i>	<i>3.28</i>	<i>3.667</i>
October	<i>6.41</i>	<i>3.75</i>	<i>3.72</i>	<i>7.38</i>	<i>1.28</i>	<i>7.98</i>	<i>5.17</i>	<i>2.04</i>	<i>1.05</i>	<i>2.63</i>	<i>4.141</i>
November....	<i>3.89</i>	<i>3.21</i>	<i>5.17</i>	<i>4.30</i>	<i>1.96</i>	<i>3.60</i>	<i>3.39</i>	<i>1.25</i>	<i>5.47</i>	<i>2.51</i>	<i>3.475</i>
December	<i>6.57</i>	<i>3.69</i>	<i>6.37</i>	<i>1.85</i>	<i>2.93</i>	<i>1.70</i>	<i>5.26</i>	<i>3.06</i>	<i>2.16</i>	<i>2.69</i>	<i>3.628</i>
TOTALS	<i>40.21</i>	<i>37.96</i>	<i>47.16</i>	<i>38.68</i>	<i>27.58</i>	<i>36.32</i>	<i>42.19</i>	<i>22.57</i>	<i>26.94</i>	<i>28.44</i>	<i>34.797</i>

RAINFALL AT *Runcorn Weston Point*

Lat. _____

Lon. _____

County of *Cheshire*

Rain Gauge, by _____

Observer *J. A. Sauerby C.E.*

Upper meany 1.

Diameter	4			8							
Height	2 4										
Altitude	18										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.16	.65	1.71	.66	1.35	2.88	1.26	1.17	1.53	3.40	1.777
February	59	.06	1.49	2.79	2.68	.27	.90	2.54	1.77	1.15	1.424
March	2.12	1.09	.81	.55	.94	1.41	3.67	2.40	.59	1.82	1.540
April	1.37	1.82	1.00	.33	1.27	1.76	1.20	2.25	1.34	3.57	1.591
May	1.52	2.17	2.61	.96	2.21	.74	.10	1.34	4.67	3.94	2.026
June	2.73	4.27	2.81	1.38	.48	1.96	3.23	3.52	2.77	3.39	2.654
July	1.92	3.84	2.25	2.07	2.25	4.04	1.88	.81	.69	2.48	2.223
August	3.20	4.48	3.63	1.71	4.57	2.56	2.80	4.70	5.45	1.30	3.1110
September....	1.11	3.75	3.57	2.80	.75	1.15	4.97	5.01	.95	4.47	2.853
October	2.70	3.04	5.80	1.92	2.77	4.02	2.94	1.60	3.97	2.90	3.166
November....	6.54	3.09	1.95	1.08	1.69	2.56	1.10	3.60	1.67	1.67	2.475
December ....	.34	3.72	1.84	2.85	2.54	2.26	4.75	2.55	2.35	2.73	2.595
TOTALS	27.30	31.98	29.47	19.10	23.50	25.61	28.80	31.49	27.75	32.82	27.782

1880

RAINFALL AT Runcorn Weston Point

Lat. Lon. County of Cheshire

Rain Gauge, by Observer J. A. Lamer Esq. Ch.

upper manly - 1.

Diameter ..	8										
Height	2.44						1.4				
Altitude ..	18										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.06	2.46	2.42	2.76	2.76	3.22	5.58	1.02	2.17	1.33	2.778
February ..	3.88	2.07	2.10	1.41	4.19	2.31	2.39	1.31	2.10	.78	2.354
March	1.33	1.76	2.66	4.01	1.09	3.76	2.63	2.18	2.57	2.40	2.439
April	1.55	1.56	2.71	1.40	1.24	2.55	1.14	1.21	3.24	1.90	1.850
May	1.66	.81	4.48	5.17	2.77	.85	3.80	3.18	3.07	1.19	2.698
June	4.81	1.97	1.75	1.71	1.76	1.64	1.74	4.04	2.42	3.45	2.529
July	2.23	3.66	2.31	3.11	.96	2.05	1.60	4.47	3.17	3.40	2.696
August	6.28	3.51	4.10	5.04	5.02	5.45	3.84	3.61	3.43	3.67	4.395
September ..	.99	1.35	2.15	4.21	2.16	1.51	1.69	.96	3.37	2.69	2.108
October	4.85	3.17	4.13	5.55	1.44	3.65	6.98	3.13	1.65	4.64	4.019
November ..	3.19	2.99	1.15	3.62	1.58	3.67	2.27	2.75	2.29	1.17	2.468
December ..	5.28	4.98	3.19	1.38	3.23	1.09	3.96	2.49	1.98	7.55	3.513
TOTALS ..	40.11	30.29	34.15	40.37	28.20	31.75	37.62	30.35	31.46	34.17	33.84

1906 New gauge erected Records from Nov 9 are from old gauge + height of new gauge altered

H. H. H.

RAINFALL at

Runcorn Weston Point

County of CheshireObserver Ed. J. Adams Esq. C.E.

River Basin

Upper Mersey

1

Rain Gauge, by

Diameter ...	8											
Height	1.4											
Altitude ...	17 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	30 yrs 16-19
January ...	2.30	.86	4.95	3.40	1.36	2.24	1.26	1.79	1.37	2.47		6.89
February ...	2.28	2.53	.70	1.00	1.55	2.32	3.20	1.24	2.19	1.07		7.70
March .....	.68	1.15	3.99	2.57	2.73	1.39	1.48	2.68	.93	5.41		10.50
April	2.90	1.92	.10	3.49	.78	1.06	1.54	1.96	.90	1.27		5.70
May	3.01	.71	1.97	2.56	1.37	1.61	1.98	2.44	2.89	.66		7.97
June	3.12	2.16	3.00	2.17	1.73	.84	2.33	1.65	1.82	1.96		7.76
July	3.73	.61	2.48	1.25	5.06	3.22	.94	1.12	3.56	1.23		6.85
August	3.82	3.13	5.94	2.15	1.82	3.61	2.74	6.09	1.82	3.21		13.86
September ..	.24	4.05	1.43	1.18	2.69	.42	2.25	1.21	5.72	2.04		11.22
October ...	2.15	2.53	2.84	2.71	1.60	1.53	3.15	5.18	1.82	2.88		13.03
November ..	5.39	1.55	2.69	2.39	2.48	1.92	2.06	3.32	1.93	2.35		7.66
December ...	3.37	3.90	1.95	2.15	4.43	4.20	2.19	1.40	5.15	5.75		14.49
TOTALS ...	32.99	25.13	32.04	27.02	27.60	25.36	25.12	30.08	30.13	30.30		115.63
		2	2	2	2	2	2	2	2	2		424

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Runcorn Weston PointCounty of CheshireObserver Col. J. A. GarnerRiver Basin Upper Mersey 1Wear navigation TrustInsulation Rain Gauge, by
(126)

Diameter ...	8												
Height	1.4												
Altitude ...	17												Total
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		26.30
January ...	3.28	3.77	4.15	1.86	2.70	1.93	2.58	3.94	5.65	2.03	4.01		35.93
February ...	2.35	1.16	2.93	4.76	.84	4.69	3.28	1.19	2.48	1.08	.26		24.02
March	5.41	1.49	1.96	1.50	.97	.84	1.05	3.40	1.80	.57	3.24		20.93
April	4.25	1.08	2.93	2.70	2.27	1.75	.82	2.57	.84	.88	2.07		20.6
May	5.08	1.80	.82	4.27	5.80	3.16	3.71	1.34	1.29	.87	.86		30.00
June	2.93	.37	1.99	.68	2.48	.02	1.73	4.69	5.95	1.73	1.08		23.65
July	5.66	.74	3.80	4.32	4.44	2.30	3.97	2.27	2.05	2.22	5.18		36.95
August	1.55	4.26	3.48	3.84	5.57	3.19	2.97	5.23	3.73	3.52	4.36		41.70
September...	2.92	.96	3.50	3.60	3.96	4.56	3.69	6.64	1.23	1.38	2.96		35.40
October	1.29	2.28	.37	4.34	4.19	4.49	3.81	2.56	3.45	5.21	4.92		26.91
November...	.70	1.99	1.47	3.47	1.50	3.04	5.27	3.82	3.84	5.47	3.75		34.32
December...	2.12	3.38	4.18	4.49	3.09	2.41	1.09	1.71	2.21	4.16	4.70		33.54
TOTALS...	37.54 D	22.28 D	31.61 D	39.83 D	37.81 D	32.38 D	33.97 D	39.36 D	34.52 D	30.12 D	37.39 D		376.81 1920-30

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1925			Runcorn	2 1/2 mi		Weston Point (126)	100 yds.	

RAINFALL at Runcorn (Weston Point)County of CheshireObserver Weaver Navigatin Trustees,River Basin Mersey - Upper L.Type of Gauge M.O.Annual Average 31.2 in. based on 25 years obs. un-weighted. Period of average 1887-1912 Ref. 31.1

720074/27.

Diameter	8.						8					
Height	1.4.						1.0	^{on inspection} 1 3				
Altitude	17.						17.			30		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.51	2.43	1.38	1.91	1.44	4.79	2.19	3.69	4.62	2.35		Totals 28.31
February	2.77	.09	3.29	.34	2.38	1.96	4.60	.69	2.66	2.00		20.78
March	.26	1.61	1.99	1.97	1.00	1.57	1.26	1.03	1.57	2.58		14.84
April	2.41	3.02	0.81	2.10	2.34	1.50	2.77	.22	1.67	2.08		18.92
May	2.43	4.78	1.51	1.82	1.45	1.65	2.14	2.91	1.18	2.96		22.83
June	5.65	.36	1.56	2.11	4.41	2.81	1.32	2.24	3.27	1.36		25.08
July	2.53	4.90	1.69	1.57	.69	3.72	1.65	3.09	5.38	2.78		28.00
August	5.88	1.08	1.66	2.42	1.62	1.66	1.59	4.22	1.81	.70		22.64
September	3.41	2.49	0.60	2.25	4.89	4.16	1.72	1.30	.73	3.51		25.06
October	1.60	6.26	4.00	3.89	3.87	1.24	2.67	4.65	2.37	3.57		34.72
November	4.41	2.71	1.78	1.98	3.93	3.22	2.07	3.65	4.36	5.90		34.01
December	1.57	1.25	0.76	4.64	3.56	3.27	2.63	3.28	2.12	2.69		25.97
TOTALS	36.43 2	30.97 2	21.03 2	27.00 2	31.58 2	32.35 2	26.61 2	30.97 2	31.78 4	32.48 2		301.16 2

1932. Three 12' high 16'E, 20' high 27'N. Wall 9' high 40'W.

+ Inspected 22/4/36 by Dr Glasspool. Site satisfactory.

1940. Letter received 2/4/41 noting correction in height in BR. required.

1940. Jan. Corrd. for wind

1937. Corrected for anemometer, 23/4/56. *RRK*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.			Runcorn	1m.	N.E.	Weston Point	250 yds.	S.W.

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

Station No. T.F. 2734RAINFALL at Purton (Western Point)

41

County of GloucestershireObserver Admiral Navigation InstituteRiver Basin Monsey Upper - 1

DRAWS & INLAND WATERWAYS EXECUTIVE

Type of Gauge M.O.Annual Average 2.2 in. based on 35 years obs. up-weighted. Period of average 1881-1915 Ref. B of NFile No. 742044/27

Diameter	8"											
Height	1'3"											
Altitude	30'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.66	2.54	3.65	3.72	1.99	3.08	2.03	6.19	2.91	.72		Total 29.49
February	3.15	1.52	1.75	1.47	2.36	4.28	.87	1.64	1.51	4.37		22.72
March	2.85	2.07	.84	.81	.81	.76	4.80	.86	2.30	1.00		17.10
April	1.21	1.26	1.21	1.14	1.48	1.47	2.38	1.32	2.42	3.07		16.96
May	1.64	3.64	2.45	2.54	3.23	1.51	2.89	.90	2.78	1.03		22.61
June	.53	.21	2.39	1.86	2.83	3.12	2.01	3.16	.62	2.15		18.88
July	2.05	2.93	3.67	2.17	2.02	3.82	3.28	2.67	2.58	2.21		27.40
August	4.30	2.13	3.50	3.60	2.80	4.22	.30	4.29	1.95	4.16		31.25
September	1.09	2.10	3.19	5.00	1.61	3.38	2.36	1.77	1.14	3.93		25.57
October	3.04	3.11	3.59	3.68	3.79	1.03	.28	2.10	2.94	2.11		25.67
November	2.46	.67	2.27	5.74	.41	4.33	3.11	1.92	4.90	4.48		30.29
December	1.00	3.98	1.28	2.46	2.73	3.45	2.74	3.31	3.84	3.21		28.00
TOTALS	25.98	26.16	29.79	34.19	26.06	34.45	27.05	30.13	29.89	32.44	296.14	296.14

263.70

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. 2734

T.F. 31

RAINFALL at Runcorn (Weston Point)

51

County of CheshireObserver Donald Robert Watkinson & RobertRiver Basin Mersey - Upper - 1

BRITISH WATERWAYS

Type of Gauge the S. SnowdenAnnual Average 31.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N
" 31.86 " " 38 " " with 1919-57 " " 1916-50 File No. 740074/27 E16426/53

Diameter ...	8"			557	285							
Height ...	1' 3"				1				1' 3"			
Altitude ...	30'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	1.81	3.16	1.06	2.35	2.33	4.04	1.38	2.24	(3.01)	4.50	25.88	
February ...	2.20	1.15	1.23	2.75	2.09	.43	1.47	5.15	.19	1.99	18.65	
March ...	4.37	1.77	1.15	1.96	1.93	1.19	2.02	1.50	1.24	1.58	18.71	
April ...	1.80	2.31	2.20	.79	1.89	3.11	.50	.83	3.26	1.54	18.23	
May ...	2.99	1.76	1.98	2.34	2.56	.99	1.52	2.28	2.91	2.54	21.81	
June ...	.97	1.88	1.39	2.90	3.44	2.09	1.53	4.33	2.50	1.58	22.61	
July ...	2.68	1.85	3.66	3.70	.60	5.56	3.53	3.70	3.13	3.32	31.73	
August ...	4.21	.97	2.51	4.01	2.64	8.88	3.16	2.20	.65	3.33	32.56	
September ...	2.19	3.15	2.90	2.96	2.85	2.78	6.52	3.82	.13	3.35	30.65	
October ...	.84	3.93	1.39	5.26	1.88	2.89	3.12	2.45	2.77	3.70	28.23	
November ...	7.29	2.66	2.49	4.75	1.64	1.60	1.25	1.70	4.51	5.12	32.91	
December ...	4.67	3.00	1.19	3.91	3.38	2.56	2.77	3.59	4.84	3.16	33.07	
TOTALS ...	36.02	27.59	23.15	37.68	27.07	36.12	28.77	33.79	29.14	35.71	315.04	
	D	D	D	D	d	d	np	d	d	d		

Feb 1958 g. tested & found to be sound, but it has become overblattered by building recent.
 moved 80' S. move on 7th Feb 1958

1957 np low
 Ind. 1959 1.60K. Satisfaction.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference (33) S. J. 45815

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 - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓ but -10	✓	✓	✓	✓ but 42