

RAINFALL AT

Ilkley, Wharfedale - March Hill Barrow

Lat.

Lon.

County of

York W.R. Northern

Rain Gauge, by

Observer

J. R. Harper Esq.
C. F. Hodgson Esq.

Wharfedale - 10.

Diameter ..	5										
Height	0 9										
Altitude ..	665 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.27	2.28	1.51	2.86	2.86	1.21	4.00	1.40	1.91	1.75	2.205
February ..	6.30	1.39	1.17	3.27	3.49	1.93	2.36	2.06	2.01	1.27	2.525
March .....	.78	1.86	1.45	4.51	2.23	3.21	2.22	2.32	4.47	2.19	2.524
April	1.41	2.64	1.61	1.47	1.87	2.55	.62	2.07	2.50	2.89	1.963
May	2.63	1.36	2.32	3.34	2.64	.49	2.68	2.23	2.41	2.28	2.238
June	3.72	1.02	2.06	2.10	1.81	1.66	1.55	4.82	.97	2.76	2.247
July	4.42	1.17	2.47	4.95	2.04	.98	2.42	2.20	4.19	3.82	2.866
August	4.83	1.49	2.64	5.00	3.70	4.30	3.48	2.16	3.00	2.96	3.356
September ..	.83	1.22	1.72	4.28	.93	2.31	.72	.83	4.66	2.81	2.031
October	4.02	2.03	3.76	8.48	1.00	2.40	5.34	6.48	1.44	2.69	3.764
November ..	4.02	4.04	2.00	2.51	2.19	4.66	3.85	2.10	2.49	.88	2.874
December ..	3.53	4.77	2.66	1.52	1.98	.74	2.72	3.76	1.63	4.47	2.778
TOTALS ..	38.76	25.27	25.37	44.29	26.74	26.44	31.96	32.43	31.68	30.77	31.371

1900 Ilkley Church 2 1/2 miles N.N.E.
 Wall 5 ft High 177 ft N
 1903 Ilkley Station 2 1/2 miles N.N.E.

RAINFALL at Ikley March Gill ReservoirCounty of W. YorkshireObserver C. F. Hodgson EsqRiver Basin Causeway 10J. E. Davis Esq

Lyons Rain Gauge, by

Diameter ...	5										
Height	0 9								1.0		
Altitude ...	665 ft						655				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.62	1.37	4.66	3.41	2.86	5.52	3.24	4.43	4.09	4.23	
February ...	3.70	3.45	2.81	1.75	1.95	4.67	4.73	1.39	4.68	2.00	
March	4.2	1.70	4.41	4.89	4.47	1.18	5.96	1.35	1.63	3.76	
April	3.07	.87	.87	3.34	1.36	1.39	2.07	2.66	1.08	1.95	
May	2.09	1.02	2.61	2.64	1.53	1.73	2.56	2.11	4.10	1.55	
June	1.76	2.69	6.16	1.72	2.43	1.02	2.83	1.70	1.27	1.22	
July	3.24	1.38	2.56	.84	2.93	4.56	2.81	1.68	4.24	2.07	
August	5.57	1.99	6.46	1.59	1.83	3.69	2.74	7.22	2.60	2.57	
September ..	.30	3.25	2.10	1.45	1.93	.66	1.81	1.61	8.74	1.41	
October ...	4.42	2.97	3.29	1.92	2.71	1.52	7.54	5.32	3.88	3.29	
November ..	4.08	3.75	2.44	3.62	5.59	2.36	4.64	3.11	1.69	3.03	
December ...	4.61	5.64	4.55	1.94	6.81	7.21	3.75	2.19	6.87	5.77	
TOTALS ...	37.88	30.08	42.42	29.11	36.40	35.35	44.68	34.77	44.87	32.43	

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
54.	1.75		Ikley Ben Rhydding 1913	2 1/2 M	NE	Ikley	2 1/2 M	NE

RAINFALL at Ilkley March Gill ReservoirCounty of W. YorkshireObserver G. L. Hodgson Esq C.E.River Basin Ouse-Wharfe 10Surveyor Ilkley U.D.C.(1929) Simons Rain Gauge, by

Diameter ...	5"											
Height	1	0										
Altitude ...	665	655										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	6.01	4.89	5.11	3.22	2.69	3.31	3.30	2.87	5.06	1.66	6.01	
February ...	2.92	4.1	3.84	6.78	1.22	4.75	3.22	1.64 ²	4.09	.75	1.09	
March	3.22	2.27	3.50	1.71	1.30	1.14	1.59	2.91 ³	2.83	31	2.03	
April	5.07	1.39	3.07	2.35	2.10	3.36	1.87	2.50	1.08	1.44	5.99	
May	3.20	2.24	.95	4.04	4.80	5.76	4.56	1.28	1.92	1.93	2.27	
June	1.28	.07	1.58	.80	2.28	.11	3.46	3.27	5.89	1.14	2.28	
July	7.25	2.40	4.77	3.27	4.20	1.23	3.21	4.29	1.04	2.55	5.06	
August	2.50	4.24	5.04	4.63	3.97	3.87	4.63	8.44	4.82	3.13	4.42	
September...	1.57	1.16	3.69	3.63	3.72	2.94	1.85	3.56	1.46	.83	3.10	
October.....	4.59	2.28	.99	4.97	4.40	3.97	3.96	3.68 ⁹	4.73	3.98	3.51	
November...	2.61	2.88	1.68	4.11	2.64	2.84	6.01	3.48 ⁶	4.73	3.20	5.63	
December...	5.63	4.84	3.25	3.83	3.67	3.68	1.62	3.23 ²	2.78	7.62	3.41	
TOTALS...	45.85	27.07	37.47	43.34	37.14	36.96	39.28	41.08 ¹	40.23	28.54	44.80	

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

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54°	1° 75'	Ilkley	2 580	N	Ilkley	2 380	N

RAINFALL at Ilkley (March Gill Reservoir)County of West RidingObserver C. F. Hodgson, Esq., C.F.River Basin Ouse-Wharfe-10

Type of Gauge

Annual Average 34.0 in. based on 31 years obs. un-weighted. Period of average 1881-1915 Ref. 3

Diameter	5.										
Height	1.0										
Altitude	655.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.59	3.23	1.73	3.03	1.74	3.69	3.36	3.64	4.72	(2.20)	30.93
February	3.16	.84	4.25	.30	6.71	2.29	4.80	1.60	2.78	1.78	28.01
March	.32	2.45	4.39	2.90	.96	1.94	2.39	.92	2.52	2.58	21.57
April	4.04	3.20	1.88	3.70	2.77	1.42	2.81	.53	2.02	2.96	25.33
May	2.62	4.15	3.19	1.88	.99	1.64	2.54	3.38	1.07	1.22	22.68
June	7.95	1.26	2.87	1.49	3.38	3.74	2.95	2.79	2.14	.33	29.20
July	3.70	2.95	1.43	1.63	.81	3.97	2.19	3.17	6.68	4.09	31.62
August	3.75	.86	0.67	2.03	2.01	2.64	1.12	3.74	1.31	.97	19.10
September	4.31	3.38	1.69	2.08	5.91	3.33	1.32	1.48	1.35	2.21	26.96
October	1.30	5.06	3.94	3.26	6.62	2.53	2.32	5.29	3.43	3.11	36.86
November	5.40	2.48	3.23	2.04	5.96	5.60	1.71	3.85	5.03	4.86	38.16
December	1.61	1.39	0.84	5.30	2.71	2.75	2.77	4.70	2.44	3.01	27.52
TOTALS	41.75	31.75	30.01	29.94	40.57	33.54	30.28	35.09	35.49	29.32	337.74
	D	D	D	D	D	D	D	D	D	D	

1940. Jan. Corrd. for snow.

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			Ilkley	2m 580yds	N	Ilkley	2m 380yds	N

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

Station No. 3321

RAINFALL at Elkley (March glbl Reservoir) 41County of Yorks W.R. Observer C.F. Hodgson Esq. C.E.River Basin Ouse - Wharfe-10 J.A.A. Pratt Esq. (43)

Type of Gauge

Annual Average 31 in. based on 31 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 270921/33

Diameter	5"		0.62	663				5"			
Height	1' 0"			1			6"	0' 2 1/2"	1' 0"		
Altitude	655'			41				655'	705'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total 60
January	3.76	3.75	3.71	4.32	2.55	3.48	3.05	7.37	1.83	2.10	35.92
February	4.96	1.23	1.64	1.56	2.84	3.43	(4.00)	1.91	2.60	5.30	29.53
March	3.75	2.30	.68	.76	.55	1.60	(5.66)	1.76	1.40	1.46	19.92
April	2.38	1.12	1.66	3.22	1.46	1.16	3.92	2.32	3.61	2.59	23.44
May	1.68	2.09	3.05	1.23	3.18	2.01	3.39	1.13	2.71	1.79	22.32
June	.15	.99	1.80	2.05	2.77	1.94	2.91	2.98	.65	1.48	17.72
July	2.05	2.10	1.31	2.61	2.36	3.38	1.78	1.66	4.10	2.41	23.76
August	3.26	2.63	3.06	2.37	3.03	4.92	.29	4.56	3.09	5.08	32.35
September	.34	2.01	3.19	4.57	1.49	5.41	2.38	3.12	1.40	3.75	27.69
October	1.39	3.14	2.01	2.79	4.04	1.33	1.22	2.02	5.91	2.01	28.86
November	3.28	1.35	1.97	5.35	.24	5.65	3.97	2.18	6.59	3.89	34.47
December	1.44	2.74	1.94	2.62	1.99	2.44	3.02	3.76	5.55	1.76	27.26
TOTALS	31.47 D	25.57 D	26.02 D	33.51 D	26.50 D	36.75 D	(35.59) D	34.77 D	39.44 N.F. Hgt.	33.62 D	323.24

1941 Jan amended

1947 Feb & Mar. wind for snow

40004

Ht. of gauge above ground confirmed as being 6" by obs. Signs are being taken to move gauge to standard height of 1'

30004

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			Elkley			Elkley		

BRITISH RAINFALL ORGANIZATION

Station No. 3321

RAINFALL at *Ilkley (March Ghyll Reservoir)*

51

County of *West Riding - Yorks*

Observer

*J. C. D. Pratt Esq.*River Basin *Puse - Wharfe - 10*

Type of Gauge

Annual Average *34.2* in. based on *31* years obs. un-weighted. Period of average *1881-1915* Ref. *5*File No. *270921/33*

Diameter ...	5"			<i>062</i>	<i>663</i>							
Height ...	1'0"				<i>1</i>							
Altitude ...	706'				<i>51</i>							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
											<i>1915-19</i>	
January ...	<i>3.08</i>	<i>3.17</i>	<i>.74</i>	<i>2.37</i>	<i>1.66</i>	<i>4.36</i>	<i>2.80</i>	<i>3.24</i>	<i>3.14</i>	<i>4.52</i>	<i>29.08</i>	
February ...	<i>2.59</i>	<i>.83</i>	<i>2.19</i>	<i>2.80</i>	<i>2.50</i>	<i>1.75</i>	<i>3.27</i>	<i>5.81</i>	<i>.46</i>	<i>2.41</i>	<i>24.60</i>	
March ...	<i>3.14</i>	<i>1.94</i>	<i>.77</i>	<i>1.94</i>	<i>2.51</i>	<i>1.28</i>	<i>2.50</i>	<i>1.87</i>	<i>1.62</i>	<i>1.82</i>	<i>19.32</i>	
April ...	<i>1.20</i>	<i>1.85</i>	<i>1.86</i>	<i>.52</i>	<i>1.24</i>	<i>3.01</i>	<i>.44</i>	<i>.82</i>	<i>3.73</i>	<i>1.95</i>	<i>16.62</i>	
May ...	<i>3.09</i>	<i>1.35</i>	<i>1.19</i>	<i>3.26</i>	<i>3.89</i>	<i>1.35</i>	<i>1.24</i>	<i>4.27</i>	<i>1.10</i>	<i>1.23</i>	<i>21.97</i>	
June ...	<i>1.03</i>	<i>2.02</i>	<i>1.97</i>	<i>1.32</i>	<i>2.27</i>	<i>2.62</i>	<i>1.72</i>	<i>4.61</i>	<i>1.45</i>	<i>1.31</i>	<i>20.32</i>	
July ...	<i>1.71</i>	<i>1.52</i>	<i>3.78</i>	<i>1.99</i>	<i>1.28</i>	<i>5.34</i>	<i>2.76</i>	<i>3.82</i>	<i>2.71</i>	<i>5.45</i>	<i>30.36</i>	
August ...	<i>4.02</i>	<i>4.06</i>	<i>3.74</i>	<i>5.75</i>	<i>1.01</i>	<i>6.99</i>	<i>4.72</i>	<i>4.62</i>	<i>.61</i>	<i>3.17</i>	<i>38.69</i>	
September ...	<i>2.22</i>	<i>2.65</i>	<i>2.87</i>	<i>2.36</i>	<i>1.69</i>	<i>4.26</i>	<i>4.83</i>	<i>3.68</i>	<i>.21</i>	<i>2.79</i>	<i>27.56</i>	
October ...	<i>1.05</i>	<i>3.15</i>	<i>2.29</i>	<i>3.86</i>	<i>3.03</i>	<i>1.89</i>	<i>3.82</i>	<i>2.80</i>	<i>3.77</i>	<i>5.77</i>	<i>31.43</i>	
November ...	<i>6.10</i>	<i>2.01</i>	<i>3.40</i>	<i>4.29</i>	<i>2.22</i>	<i>1.07</i>	<i>2.51</i>	<i>1.07</i>	<i>5.17</i>	<i>5.99</i>	<i>33.83</i>	
December ...	<i>4.16</i>	<i>2.30</i>	<i>1.48</i>	<i>3.86</i>	<i>5.25</i>	<i>3.79</i>	<i>3.82</i>	<i>5.39</i>	<i>6.67</i>	<i>4.10</i>	<i>40.82</i>	
TOTALS ...	<i>33.39</i>	<i>26.85</i>	<i>26.28</i>	<i>34.35</i>	<i>28.55</i>	<i>37.71</i>	<i>34.43</i>	<i>42.00</i>	<i>30.53</i>	<i>40.51</i>	<i>334.60</i>	
	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>d.</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>		

An. av. *32.73* in. based on *20* yrs. obs. within *1935-57*, 4" low. Period Jan. *1916-50* - *2* - *Adjusted*

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference

56(49)2351.0

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
<i>1952</i>			<i>Ilkley</i>		<i>Ilkley</i>	

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>✓ but 12-13</i>	<i>✓ but d 25</i>	<i>✓</i>	<i>✓ but d 42</i>	