

COLDEST CONDITIONS OBSERVED (1890 - PRESENT) - COLUMBIA, MO															
RANK	COLDEST DAYS		RANK	DAYS MAX ≤ 32 (YEAR)				RANK	DAYS MAX ≤ 32 (DJF)				RANK	CONSECUTIVE DAYS	
	TEMP	DATE		GREATEST		LEAST			GREATEST		LEAST			MAX TEMP ≤ 32	
				TOTAL	YEAR	TOTAL	YEAR		TOTAL	YEAR	TOTAL	YEAR		TOTAL DAYS	PRIOR TO
1	-26.0	02.12.1899	1	48	1978	4	1931	1	47	1917/18	5	1931/32	1	26	01.24.1977
2	-25.0	02.13.1905	2	47	1963	6	2023	2	46	1977/78	5	1890/91	2	21	02.18.1905
3	-23.0	12.20.1901	3	45	1960	9	2006	3	44	1904/05	6	1930/31	3	20	03.13.1960
4	-21.0	02.11.1899	4	44	1985	9	1953	4	42	1935/36	8	2023/24	4	18	02.14.1899
5	-20.0	12.22.1899	5	43	1977	9	1946	5	41	1976/77	8	2011/12	5	17	01.03.2001
6	-20.0	01.07.1912	6	42	1902	10	1921	6	41	1909/10	9	2022/23	6	17	12.31.1983
7	-20.0	02.13.1899	7	41	1924	11	2012	7	40	1978/79	9	1991/92	7	17	01.23.1918
8	-20.0	02.09.1899	8	41	1912	11	1992	8	39	2010/11	11	1907/08	8	17	01.17.1912
9	-19.0	12.23.1989	9	41	1905	11	1990	9	39	1962/63	11	1896/97	9	16	02.08.1936
10	-19.0	12.25.1983	10	40	1940	11	1891	10	38	2013/14	11	1891/92	10	15	01.14.1974
11	-19.0	01.10.1982	11	40	1929	13	1923	11	37	1901/02	11	1889/90	11	15	12.24.1963
12	-19.0	01.12.1918	12	40	1895	13	1896	12	36	1939/40	12	2015/16	12	15	01.10.1940
13	-19.0	01.13.1912	13	39	1995	14	1957	13	34	2000/01	12	1952/53	13	15	01.30.1930
14	-19.0	01.12.1912	14	39	1980	14	1954	14	34	1984/85	12	1920/21	14	15	02.11.1902
15	-18.0	01.17.1977	15	39	1979	15	2008	15	34	1903/04	12	1895/96	15	15	02.16.1895
16	-17.0	01.20.1985	16	38	1983	15	1999	16	33	1983/84	13	2005/06	16	14	12.25.1989
17	-17.0	01.12.1974	17	38	1958	15	1938	17	33	1981/82	13	1986/87	17	13	02.06.1979
18	-17.0	01.11.1918	18	38	1951	15	1928	18	33	1911/12	13	1938/39	18	13	01.12.1979
19	-17.0	02.12.1905	19	38	1918	15	1908	19	32	1996/97	14	2019/20	19	13	01.22.1978
20	-16.0	12.24.1983	20	37	2010	16	2016	20	32	1973/74	14	1999/00	20	13	12.17.1972
21	-16.0	01.27.1936	21	37	1948	16	1986	21	32	1969/70	14	1953/54	21	13	02.01.1963
22	-16.0	01.22.1930	22	37	1936	16	1939	22	32	1928/29	15	2016/17	22	12	02.11.2014
23	-16.0	01.18.1930	23	37	1899	16	1907	23	32	1919/20	15	2001/02	23	12	01.12.2010
24	-16.0	01.05.1924	24	36	2014	16	1898	24	32	1894/95	15	1997/98	24	12	02.09.1985
25	-16.0	12.19.1901	25	36	1914	17	2021	25	31	2009/10	15	1975/76	25	12	01.22.1984
26	-16.0	02.08.1895	26	35	1989	17	2002	26	31	1967/68	16	2021/22	26	11	01.19.1997
27	-16.0	02.04.1895	27	35	1916	17	1987	27	30	1979/80	16	2004/05	27	11	01.28.1940
28	-16.0	01.25.1894	28	35	1906	17	1933	28	30	1972/73	16	1918/19	28	11	02.20.1936
29	-15.0	12.21.1989	29	35	1904	17	1911	29	30	1961/62	16	1908/09	29	11	12.18.1932
30	-15.0	02.05.1979	30	34	1966	18	1964	30	30	1958/59	16	1905/06	30	11	01.17.1905
31	-15.0	01.16.1977	31	34	1945	19	2017	31	30	1944/45	17	1989/90	31	10	02.05.1980
32	-15.0	01.11.1977	32	34	1903	19	2005	32	30	1902/03	17	1971/72	32	10	01.26.1966
33	-15.0	01.01.1974	33	33	1996	19	1947	33	30	1898/99	17	1954/55	33	10	12.20.1945
34	-15.0	01.19.1940	34	33	1993	19	1890	34	29	2002/03	17	1937/38	34	10	02.05.1918
35	-15.0	02.15.1905	35	33	1968	20	1998	35	29	1950/51	18	2007/08	35	10	12.16.1917
36	-15.0	02.17.1903	36	32	2000	20	1984	36	29	1924/25	18	1998/99	36	10	01.30.1915
37	-15.0	12.15.1901	37	32	1997	20	1935	37	29	1892/93	18	1960/61	37	9	01.18.1982
38	-15.0	02.02.1895	38	32	1982	20	1894	38	28	2017/18	18	1956/57	38	9	02.04.1978
39	-15.0	01.24.1894	39	32	1972	21	2001	39	28	1995/96	18	1949/50	39	9	01.13.1973
40	-14.0	02.12.1988	40	32	1962	21	1900	40	28	1993/94	18	1936/37	40	9	02.05.1966
41	-14.0	01.19.1985	41	32	1950	22	2022	41	28	1992/93	18	1934/35	41	9	01.11.1942
42	-14.0	01.18.1940	42	32	1917	22	1956	42	28	1947/48	18	1922/23	42	9	12.26.1924
43	-14.0	02.27.1934	43	32	1913	22	1941	43	28	1929/30	18	1897/98	43	9	03.20.1906
44	-14.0	01.17.1930	44	32	1909	23	2015	44	28	1914/15	19	2020/21	44	9	02.21.1902
45	-14.0	01.29.1904	45	31	2013	23	2009	45	27	1980/81	19	2018/19	45	9	01.03.1900
46	-14.0	02.08.1899	46	31	1937	23	2004	46	27	1899/00	19	2012/13	46	9	12.29.1892
47	-14.0	01.29.1899	47	31	1920	23	1971	47	26	1994/95	19	1988/89	47	8	02.01.2000
48	-13.0	02.03.1996	48	30	1974	23	1952	48	26	1987/88	19	1982/83	48	8	02.10.1989
49	-13.0	02.09.1979	49	29	2003	23	1915	49	26	1970/71	19	1946/47	49	8	02.15.1986
50	-13.0	02.02.1917	50	29	1944	24	2019	50	26	1965/66	19	1942/43	50	8	02.22.1978

51	-13.0	01.28.1915	51	29	1910	24	1994	51	26	1916/17	19	1910/11	51	8	12.22.1973
52	-13.0	01.26.1904	52	28	1991	24	1976	52	26	1913/14	19	1900/01	52	8	01.13.1970
53	-13.0	01.19.1892	53	28	1975	24	1967	53	25	1990/91	19	1893/94	53	8	01.25.1960
54	-12.0	12.22.1983	54	28	1973	24	1897	54	25	1966/67	20	1945/46	54	8	01.06.1947
55	-12.0	02.11.1981	55	28	1970	25	2018	55	25	1964/65	20	1943/44	55	8	03.13.1932
56	-12.0	01.10.1977	56	28	1965	25	2007	56	25	1959/60	20	1941/42	56	8	02.08.1913
57	-12.0	01.19.1943	57	28	1955	25	1981	57	25	1955/56	20	1940/41	57	8	02.10.1912
58	-12.0	01.31.1936	58	28	1925	25	1961	58	25	1948/49	20	1932/33	58	8	12.24.1897
59	-12.0	12.28.1924	59	28	1893	25	1959	59	24	2008/09	20	1927/28	59	8	01.31.1895
60	-12.0	01.06.1912	60	27	2011	25	1942	60	24	1957/58	20	1926/27	60	7	02.06.2007
61	-12.0	02.02.1905	61	27	1969	25	1934	61	24	1915/16	20	1925/26	61	7	02.01.2004
62	-12.0	02.10.1899	62	27	1949	25	1926	62	23	2006/07	20	1921/22	62	7	01.06.1999
63	-12.0	12.14.1898	63	27	1927	25	1922	63	23	2003/04	21	1951/52	63	7	01.17.1998
64	-11.0	12.16.1989	64	27	1919	25	1892	64	23	1985/86	21	1933/34	64	7	01.30.1997
65	-11.0	12.15.1989	65	26	1988	26	1988	65	23	1974/75	22	2014/15	65	7	01.26.1995
66	-11.0	02.01.1979	66	26	1943	26	1943	66	23	1963/64	22	1968/69	66	7	01.21.1994
67	-11.0	01.15.1979	67	26	1932	26	1932	67	23	1923/24	23	2006/07	67	7	12.28.1990
68	-11.0	01.14.1979	68	26	1930	26	1930	68	23	1912/13	23	2003/04	68	7	01.11.1988
69	-11.0	01.21.1970	69	26	1901	26	1901	69	23	1906/07	23	1985/86	69	7	02.08.1983
70	-11.0	01.07.1968	70	25	2018	27	1969	70	22	2014/15	23	1974/75	70	7	02.07.1982
71	-11.0	01.03.1919	71	25	2007	27	1949	71	22	1968/69	23	1963/64	71	7	02.13.1980
72	-11.0	01.13.1916	72	25	1981	27	1927	72	21	1951/52	23	1923/24	72	7	01.24.1970
73	-11.0	02.04.1912	73	25	1961	27	1919	73	21	1933/34	23	1912/13	73	7	01.17.1968
74	-11.0	01.12.1909	74	25	1959	27	2011	74	20	1945/46	23	1906/07	74	7	02.05.1965
75	-11.0	02.03.1902	75	25	1942	28	1991	75	20	1943/44	24	2008/09	75	7	02.13.1958

RANK	DAYS MIN ≤ 0 (YEAR)				RANK	DAYS MIN TEMP ≤ 0 (DJF)				RANK	CONSECUTIVE DAYS	
	GREATEST		LEAST			GREATEST		LEAST			MIN TEMP ≤ 0	
	TEMP	YEAR	TEMP	YEAR		TEMP	YEAR	TEMP	YEAR		TOTAL DAYS	PRIOR TO
1	21	1963	0	2023	1	23	1904/05	0	2021/22	1	9	12.27.1983
2	19	1936	0	2013	2	22	1978/79	0	2012/13	2	7	02.01.1936
3	17	1905	0	2012	3	22	1962/63	0	2011/12	3	7	02.14.1899
4	17	1899	0	2008	4	22	1935/36	0	1952/53	4	6	12.24.1963
5	15	1989	0	1992	5	21	1977/78	0	1938/39	5	6	01.25.1963
6	15	1977	0	1956	6	21	1963/64	0	1931/32	6	6	01.30.1897
7	15	1895	0	1954	7	21	1936/37	1	2019/20	7	5	01.15.1997
8	14	1979	0	1952	8	21	1899/00	1	2018/19	8	5	01.20.1977
9	14	1924	0	1946	9	20	1976/77	1	2015/16	9	5	01.23.1940
10	13	1940	0	1941	10	20	1917/18	1	2014/15	10	4	12.24.1989
11	12	1985	0	1939	11	18	1905/06	1	2007/08	11	4	12.19.1989
12	12	1909	0	1938	12	17	1894/95	1	2005/06	12	4	01.22.1984
13	11	1983	0	1931	13	16	1996/97	1	1991/92	13	4	01.13.1977
14	11	1912	0	1923	14	16	1983/84	1	1956/57	14	4	01.22.1970
15	10	1962	0	1921	15	16	1979/80	1	1953/54	15	4	02.19.1958
16	10	1918	0	1913	16	16	1909/10	1	1922/23	16	4	01.11.1942
17	10	1917	0	1908	17	15	1989/90	1	1921/22	17	4	01.28.1940
18	9	2014	0	1896	18	15	1929/30	1	1913/14	18	4	01.20.1930
19	9	1997	1	2015	19	15	1901/02	2	2006/07	19	4	01.04.1928
20	9	1948	1	2007	20	15	1898/99	2	2004/05	20	4	12.12.1917
21	9	1902	1	2006	21	15	1895/96	2	2001/02	21	4	01.14.1912
22	8	1978	1	2005	22	15	1892/93	2	1992/93	22	4	02.16.1905
23	8	1970	1	2002	23	14	1985/86	2	1990/91	23	4	02.05.1905
24	8	1951	1	1998	24	14	1984/85	2	1949/50	24	4	02.20.1903
25	8	1930	1	1991	25	14	1924/25	2	1946/47	25	4	02.06.1902
26	8	1892	1	1971	26	14	1902/03	2	1944/45	26	4	12.21.1901
27	7	1996	1	1969	27	13	1940/41	2	1937/38	27	4	02.01.1899
28	7	1982	1	1964	28	13	1939/40	2	1925/26	28	3	01.07.2014
29	7	1943	1	1957	29	13	1918/19	2	1920/21	29	3	02.04.2011
30	7	1929	1	1953	30	13	1911/12	2	1907/08	30	3	02.05.1996
31	7	1901	1	1944	31	12	1981/82	2	1889/90	31	3	01.20.1994
32	7	1893	1	1926	32	11	1973/74	3	2016/17	32	3	02.10.1989
33	6	1976	1	1925	33	11	1961/62	3	2009/10	33	3	02.06.1989
34	6	1974	1	1922	34	11	1948/49	3	2008/09	34	3	01.26.1987
35	6	1973	1	1906	35	11	1912/13	3	1999/00	35	3	02.09.1985
36	6	1915	2	2023	36	11	1903/04	3	1926/27	36	3	02.13.1981
37	6	1904	2	2022	37	11	1893/94	3	1906/07	37	3	01.04.1979
38	6	1903	2	2019	38	10	1995/96	4	2020/21	38	3	01.02.1977
39	6	1897	2	2009	39	10	1988/89	4	1998/99	39	3	01.10.1976
40	5	2018	2	2004	40	10	1915/16	4	1966/67	40	3	01.17.1972
41	5	2011	2	2001	41	9	1997/98	4	1964/65	41	3	01.09.1970
42	5	2003	2	1993	42	9	1970/71	4	1959/60	42	3	01.31.1966
43	5	1994	2	1990	43	9	1969/70	4	1955/56	43	3	12.17.1963
44	5	1984	2	1986	44	8	2013/14	4	1954/55	44	3	01.29.1963
45	5	1981	2	1975	45	8	1980/81	4	1945/46	45	3	01.12.1962
46	5	1980	2	1967	46	8	1974/75	4	1934/35	46	3	03.07.1960
47	5	1961	2	1950	47	8	1958/59	5	2023/24	47	3	01.06.1959
48	5	1942	2	1949	48	8	1951/52	5	2017/18	48	3	02.13.1955
49	5	1919	2	1947	49	8	1943/44	5	2000/01	49	3	01.31.1951
50	5	1916	2	1937	50	8	1942/43	5	1986/87	50	3	12.17.1943

51	5	1890	2	1934	51	8	1930/31	5	1975/76	51	3	01.21.1943
52	4	2021	2	1920	52	8	1916/17	5	1971/72	52	3	02.20.1936
53	4	2010	2	1911	53	8	1914/15	5	1968/69	53	3	02.11.1936
54	4	1988	2	1907	54	8	1891/92	5	1967/68	54	3	02.10.1933
55	4	1972	2	1898	55	7	2003/04	5	1957/58	55	3	12.18.1932
56	4	1968	2	1891	56	7	1993/94	5	1941/42	56	3	01.24.1930
57	4	1959	3	2017	57	7	1987/88	5	1933/34	57	3	12.22.1924
58	4	1958	3	2016	58	7	1982/83	5	1919/20	58	3	01.07.1924
59	4	1955	3	2000	59	7	1972/73	5	1900/01	59	3	01.05.1919
60	4	1945	3	1999	60	7	1960/61	6	2010/11	60	3	02.03.1918
61	4	1932	3	1995	61	7	1950/51	6	2002/03	61	3	01.14.1918
62	4	1927	3	1987	62	7	1947/48	6	1994/95	62	3	01.15.1916
63	4	1910	3	1966	63	7	1932/33	6	1965/66	63	3	01.25.1915
64	4	1900	3	1965	64	7	1928/29	6	1910/11	64	3	01.08.1912
65	4	1894	3	1960	65	7	1927/28	6	1908/09	65	3	12.10.1909
66	3	2017	3	1935	66	7	1923/24	6	1897/98	66	3	01.08.1909
67	3	2016	3	1933	67	6	2010/11	6	1896/97	67	3	01.27.1905
68	3	2000	3	1928	68	6	2002/03	6	1890/91	68	3	01.16.1905
69	3	1999	3	1914	69	6	1994/95	7	2003/04	69	3	01.28.1904
70	3	1995	4	2021	70	6	1965/66	7	1993/94	70	3	02.10.1895
71	3	1987	4	2010	71	6	1910/11	7	1987/88	71	3	01.27.1894
72	3	1966	4	1988	72	6	1908/09	7	1982/83	72	3	01.15.1892
73	3	1965	4	1972	73	6	1897/98	7	1972/73	73	3	03.03.1890
74	3	1960	4	1968	74	6	1896/97	7	1960/61	74	2	02.07.2014
75	3	1935	4	1959	75	6	1890/91	7	1950/51	75	2	01.05.2011