

Colorado River

Relation of estimated irrigation development to water supply

(Classified irrigable areas and net consumptive duty of water from report of Bureau of Reclamation, Vol 3, p. 157; Vol. 4, pp. 78-79. Water supply estimate for period 1878-1922 by Herman Stabler, Geological Survey.)

Ultimate demand

Development in
near future

Annual Run-off (16 million acre-feet)

Annual water supply conserved by storage (14.4 million acre-feet)

Development in
immediate future

Present (1922)
development

190,000 a.f.
860,000 a.f.
510,000 a.
2,230,000 a.f.
1,500,000 a.
2,360,000 a.f.

800,000 a.
3,600,000 a.f.

490,000 a.
2,200,000 a.f.

1,110,000 a.
4,670,000 a.f.

2,270,000 a.
3,710,000 a.f.

Mexico
Below
Boulder

1,150,000 a.
4,800,000 a.f.

3,340,000 a.
5,620,000 a.f.

Above
Boulder

Mexico

Below
Boulder

Above
Boulder

800,000 a.
3,600,000 a.f.

650,000 a.
2,920,000 a.f.

1,370,000 a.
5,740,000 a.f.

4,320,000 a.
7,270,000 a.f.

Mexico

Parker-
Gila
Valley
(add'l)

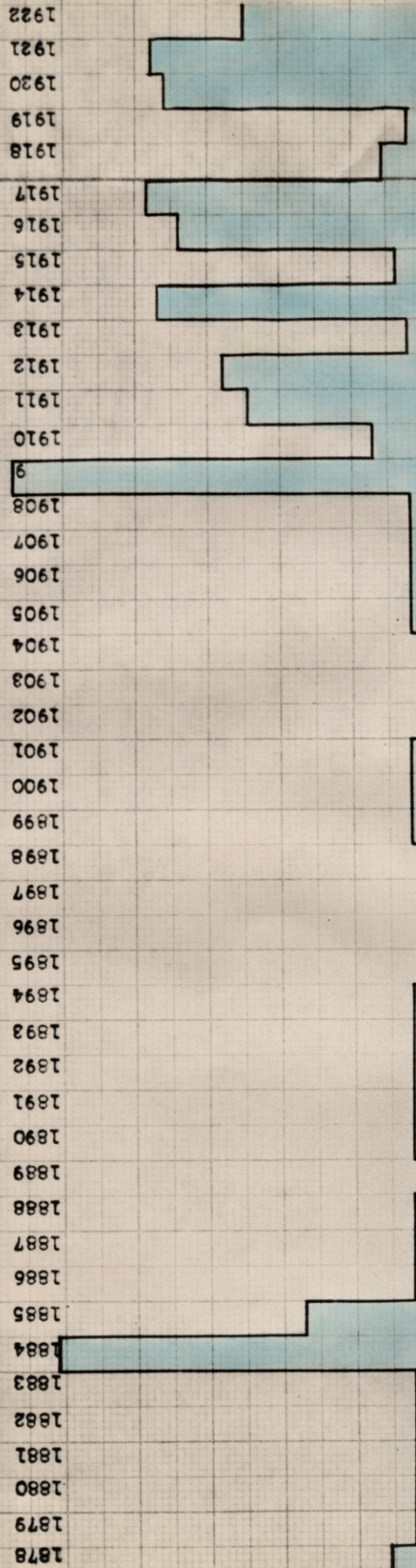
Below
Boulder

Above
Boulder

COLORADO RIVER

Water requirement for irrigation in near future versus available water supply conserved by storage

1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922



MEXICAN DEMAND

BELOW BOULDER CANYON

ABOVE BOULDER CANYON

COLORADO RIVER

Ultimate water requirement for irrigation versus ultimate conserved water supply

1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 9 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922

MEXICAN DEMAND

PARKER-GILA VALLEY (ADDITIONAL)

BELOW BOULDER CANYON

ABOVE BOULDER CANYON