

<p align="center"><i>Period X</i> 1975-1990</p>	<p align="center">Historical Events (Read Period Summary of Historical Events)</p>	<p align="center">Data Entries (Before each number entered below, use a "+" to designate water additions to the basin and a "-" to designate water consumption.)</p>
<p><u>Natural Cycle</u> Components of the Mojave River Watershed's "Basic Water Budget"</p>		
<p><i>Prevailing Climatic Trend</i></p>	<p align="center"><i>"wet"</i></p>	
<p>✓ (+) Water entering the Ground-water Basin based on the periods "prevailing climatic trend"</p>	<p align="center">(Use the "15-Year Ground-Water Basin Recharge" graph to find water entering the basin.)</p>	<p align="center">(Enter data from graph here) A: ac-ft</p>
<p>✓ (-) Acres of Riparian Forest</p>	<p align="center">9,600 acres (Use the "Riparian Forest" graph to find water loss due to evapotranspiration.)</p>	<p align="center">(Enter data from graph here) B: ac-ft</p>
<p>✓ (-) Acres of Naturally Exposed Water Surfaces</p>	<p align="center">430 acres (Use the "Naturally Exposed Water Surfaces" graph to find water loss due to evaporation.)</p>	<p align="center">(Enter data from graph here) C: ac-ft</p>
<p>✓ (-) Acres of Bare Riparian Soil Surfaces</p>	<p align="center">9,800 acres (Use the "Bare Riparian Soils" graph to find water loss due to evaporation.)</p>	<p align="center">(Enter data from graph here) D: ac-ft</p>
<p>✓ (-) Drainage from Watershed @ Afton Canyon</p>	<p align="center">9,000 acre-feet →</p>	<p align="center">(Enter data here) E: ac-ft</p>
<p align="center"><u>Human Demand</u> Components of the Mojave River Watershed's "Basic Water Budget"</p>		<p align="center">NC: ac-ft (In the space above, enter the "net" gain or loss for the Mojave River Watershed's ground water basin here by summing up the entries for A-E above)</p>
<p>Human Population living within the Mojave River Watershed's Basin</p>	<p align="center">144,000 people (Estimated Watershed Population for the period 1975-1990)</p>	
<p>✓ (-) Municipal & Domestic Water Demand (based on human population)</p>	<p align="center">(Using the period's human population and the "Domestic and Municipal Water Consumption" graph, find the water demand.)</p>	<p align="center">(Enter data from graph here) F: ac-ft</p>
<p>✓ (-) Commercial & Industrial facilities</p>	<p align="center">15 facilities (Use the "Commercial & Industrial Facilities" graph to find water demand.)</p>	<p align="center">(Enter data from graph here) G: ac-ft</p>
<p>✓ (-) Acres in Agricultural Production</p>	<p align="center">12,000 acres (Use the "Agricultural Production" graph to find water loss due to evapotranspiration.)</p>	<p align="center">(Enter data from graph here) H: ac-ft</p>
<p>✓ (-) Dairy/Livestock "Ranches"</p>	<p align="center">22 dairies & ranches (Use the "Dairies & Ranches " graph to find water consumption.)</p>	<p align="center">(Enter data from graph here) I: ac-ft</p>
<p>✓ (-) Acres Under Recreation Management</p>	<p align="center">500 acres (Use the "Recreational Management" graph to find water loss due to evapotranspiration.)</p>	<p align="center">(Enter data from graph here) J: ac-ft</p>
<p>✓ (-) Acres of Man-made Water bodies</p>	<p align="center">700 acres (Use the "Man-made Water Bodies" graph to find water loss due to evaporation.)</p>	<p align="center">(Enter data from graph here) K: ac-ft</p>
<p>$(+/-) NC + (+/-) HD =$ (Combine the entry for "NC" (Natural Cycle) with that for "HD" (Human Demand) to find how much water needs to be added to or taken away from your "Mojave River Watershed Basin model". Be careful to take into consideration the "sign" of the number (- means water will be removed, + means water will be added)</p>		<p align="center">HD: ac-ft (In the space above, enter the "net" loss for the period due to human water demand from the Mojave River Watershed's ground water basin here by summing up the entries for F-K)</p>

Surface Observations:	
<input type="checkbox"/> East Fork of the Mojave River (Deep Creek)	Annual Mean Stream Flow (Measured in cubic feet per second -- ft ³ /sec or cfs) 1975// 1976// 1977// 1978// 1979// 1980// 1981// 1982 // 1983// 1984// 1985// 1986// 1987// 1988// 1989// 15.8 // 24.9 // 19.8// 320 // 107 // 267 // 14.1 // 71.2 // 208 // 15.8 // 21.8 //42.3// 15.7 // 15.1 // 9.73 // Information source: http://waterdata.usgs.gov/ca/nwis/annual/?site_no=10260500&agency_cd=USGS
<input type="checkbox"/> Upper Narrows of the Mojave River	
<input type="checkbox"/> Lower Narrows of the Mojave River	Annual Mean Stream Flow (Measured in cubic feet per second -- ft ³ /sec or cfs) 1975// 1976// 1977// 1978// 1979// 1980// 1981// 1982 // 1983// 1984// 1985// 1986// 1987// 1988// 1989// 21.8 // 35.6 // 34.3// 290 // 101 // 316 // 29.5 // 51.6 // 264 // 33.5 // 27.3 //21.8// 21.5 // 20.8 // 14.3 // Information source: http://waterdata.usgs.gov/ca/nwis/annual/?site_no=10261500&agency_cd=USGS
<input type="checkbox"/> Mojave River at Barstow	
<input type="checkbox"/> Mojave River at Afton Canyon	
<input type="checkbox"/> Soda and Silver Dry Lakes Near Baker	
Water Well Levels Observations:	
<input type="checkbox"/> Above the Lower Narrows	Approximate Well Location: (BTOC means “ <i>Below the top of the well casing</i> ”) Lucerne Valley (Regional Aquifer) (C-16) 1975, 12 ft. BTOC // 1980, 14 ft. BTOC // 1985, 16 ft. BTOC // 1990, 18 ft. BTOC Summit Valley (Regional Aquifer) (C-11) 1984, 330 ft. BTOC // 1984, 362 ft. BTOC Apple Valley , (near Corwin Road) 1982, 87 ft. BTOC // 1985, 105 ft. BTOC // 1990, 125 ft. BTOC Apple Valley South (near Jess Ranch) 1980, 2227 ft. BTOC // 1985, 225 ft. BTOC // 1990 235 BTOC
<input type="checkbox"/> Lower Narrows to the Helendale	
<input type="checkbox"/> Helendale to Barstow	Barstow/Dagget (C-205) 1980, 65 ft. BTOC // 1985, 65 ft. BTOC // 1990, 75 ft. BTOC
<input type="checkbox"/> Barstow to Afton Canyon	Newberry Springs (C-203) 1978, 40 ft. BTOC // BTOC Yermo (near Calico) (C-159) 1980. 95 ft. BTOC // 1985, 120 ft. BTOC // 1990, 150 ft. BTOC