



OFFICE OF THE MAYOR

301 WEST MAIN STREET
LLANO, TEXAS 78643

EXECUTIVE ORDER AUGUST 6, 2012

WHEREAS, by Ordinance No. 1035 issued the 20th day of March 2006 and amended by Ordinance 1211 issued the 7th day of May, 2012; the Mayor of the City of Llano, Texas has declared that certain emergency measures be taken; and

WHEREAS, In light of seasonal changes and increased Llano River Flows and findings that there are no chemical or biological processes that are impacted, Stage 3 will be enacted for residential customers and Stage 2 will be enacted for commercial customers and institutions.

NOW THEREFORE, Stage 3 Triggers – Severe Water Shortage Conditions

Discharge information for the Llano River at Junction and the Llano River at Mason can be utilized to predict in March that the City of Llano is very likely to reach at least Stage 3 in this Drought Plan. Based on an analysis of historical monthly flow data for the Junction and Mason gauges, the following guidelines can be used to predict Stage 3 drought conditions: If 1) the average February monthly flow for Junction is 75 cfs or less; or 2) the average of the monthly flows from August to February at Junction is 85 cfs or less; or 3) the average February monthly flow for Mason is 130 cfs or less, the 7-day moving average daily discharge of the Llano River at Llano will be 21 cfs or less during the coming summer. NOTE: The USGS releases discharge information as preliminary data, subject to revision. USGS (San Angelo) should be contacted in March to confirm the accuracy of these preliminary data.

The utilization these guidelines since 1940 would have correctly predicted 17 of 19 low-flow (21 cfs or less) events for the Llano River at Llano, with no false predictions. The low-flow conditions of 1985 would not have been predicted due to high flows in December. It is not determined why the low-flow conditions of 1967 would not have been predicted.

If it becomes apparent from this predictive scenario, or from other observations, that Severe Water Shortage Conditions are likely to occur, the following is recommended:

LCRA or USGS be requested to calibrate the Llano River at Llano, Texas streamflow gauge to ensure its accuracy.

The Emergency Water Shortage Plan (to be prepared) be evaluated to ensure that all planning options are available as needed.

Requirements for initiation:

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of this Ordinance when:

1. The 7-day moving average daily discharge of the Llano River as measured at Rio Llano subdivision is equal to or less than 21 cubic feet per second (cfs).

Requirements for termination:

Stage 3 of the Ordinance may be rescinded when the average daily discharge of the Llano River at Llano exceeds 75 cfs for seven (7) consecutive days or 150 cfs for five (5) consecutive days. The Mayor or City Manager may

rescind Stage 3 of this Ordinance at any time. Upon termination of Stage 3, Stage 2 becomes operative. *Important Note:* Care should be exercised not to move from Stage 3 to Stage 1, just because the discharge of the River exceeds 150 cfs for 5 days. Discharge data should be evaluated to ensure that discharge levels are stabilizing or increasing before Stage 2 is repealed. When baseflows are low, the River can quickly return to Stage 3 levels, even after a significant rainfall event that produces large discharge volumes.

Stage 3 Response – Severe Water Shortage Conditions

Goal: Limit the daily pumpage at the water treatment plant to 0.8 million gallons per day.

Water Use Restrictions: All requirements of Stage 2 shall remain in effect during Stage 3 except:

1. Irrigation of landscaped areas shall be limited to twice per week on designated watering days between the hours of 6:00 AM and 10:00 AM and between 8:00 PM and 12:00 Midnight, and shall be by means of a hand-held hose, a faucet-filled bucket or drip irrigation system only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems are allowed once per week according to the following schedule:

	<u>Hand-held/Drip Irrigation</u>		<u>Sprinklers</u>
Even Addresses	Thursday	and/or	Sunday
Odd Addresses	Wednesday	and/or	Saturday
Commercial, Recreational, Multi-Family	Tuesday	and/or	Friday

2. The watering of golf course fairways is allowed once per week on designated days.
3. The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.
4. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Further such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 AM and 10:00 AM and between 8:00 PM and 12:00 Midnight.
5. The refilling, or adding of water to swimming pools, wading pools, and Jacuzzi-type pools is allowed only on designated days..
6. The operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.

Issued this the 6TH day of August, 2019



Mike Reagor

 Mike Reagor, Mayor

ATTEST:
Toni Milam

 Toni Milam, City Secretary