

## Information Regarding Available Irrigation Water

### Lugert-Altus Irrigation District

Oklahoma City Regional Office

The following information has been compiled regarding irrigation water supply for the 2021 planting season by the Risk Management Agency (RMA), Oklahoma City Regional Office (RO), for irrigation water in the Lugert-Altus Irrigation District. RMA has not made any determinations regarding water reductions or insurable cause of loss within the insurance period, but is providing information it has gathered for Approved Insurance Providers' reference:

#### Lake Altus:

Current lake conditions as of July 6, 2021, compared to a full conservation pool<sup>1</sup>:

Lake Altus	Current Lake Conditions	Full Conservation Pool
<b>Elevation</b>	1,542.77	1,559.00
<b>Stored Water (acre feet)</b>	52,538	128,285
<b>Percentage full</b>	41.00%	100%

Information compiled from the sources as cited indicate:

- On average from 2015-2020 during the months of June, July, and August 64,142 acre feet of irrigation water was released from Lake Altus<sup>2,3</sup>.
- The lake retains 20,000 acre feet as a minimum draw down and reserve for the City of Altus unless the City of Altus grants additional use of 10,000 acre feet<sup>4</sup>.
- Evaporation from July 1 – September 10, 71 days x 150 acre feet per day = 10,650 total acre feet lost<sup>3</sup>.
- April average inflows from 2015-2020 are 10,321 acre feet<sup>1,3</sup>.
- May average inflows from 2015-2020 are 52,935 acre feet<sup>1,3</sup>.
- June average inflows from 2015-2020 are 14,141 acre feet<sup>1,3</sup>.
- Water allocation for irrigation is normally made during the last week of June by the district<sup>3,4</sup>.
- The irrigation district delivers all available irrigation water to farmers each year<sup>4</sup>.

The above is for informational purposes only and may be helpful to insurance providers when considering any claims that may be submitted. We encourage insurance providers to notify the Oklahoma City Regional Office immediately of any other counties or areas of suspected irrigation water shortages.

<sup>1</sup> <http://www.swt-wc.usace.army.mil/ALTU.lakepage.html>

<sup>2</sup> Email - Lugert-Altus Irrigation District, Tom Buchanan, Manager

<sup>3</sup> Teleconference 6/28/21 – Lugert-Altus Irrigation District

<sup>4</sup> Teleconference 6/24/21 – Lugert-Altus Irrigation District, Oklahoma State Extension, USDA ARS