

WESTERN KANSAS WEATHER MODIFICATION PROGRAM

P.O. BOX 254 Lakin, KS 67860

Lakin Office: 620-355-6914

waltergeiger@yahoo.com

Internet: www.gmd1.org/index-3.html

WEEKLY NEWSLETTER

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General Interest: When we think of Dubai in the United Arab Emirates, we think of world-record tall buildings, housing developments sitting atop manmade islands in the shape of palm trees and very dry desert conditions. However, another grand manmade structure, although unlikely, may be built. According to www.citylab.com, the UAE has a plan to build a manmade mountain near Dubai in the hopes forcing cloud formation and precipitation in much the same way the Rocky Mountains force the lift of moist air leading to clouds and subsequent mountain showers. The U.S.-based National Center for Atmospheric Research was given \$400,000 to model the feasibility of mountain induced rainfall for Dubai. The UAE is one of hottest and driest places on earth. Cloud seeding has been ongoing around Dubai with \$560,000 spent in 2015 to coax more rain out of the limited storm episodes they receive. However, in a country of excess, they would like to increase their rainfall chances to the ultimate level. The cost of a manmade mountain is likely to be exceedingly high as a similar proposal in the Netherlands was estimated near \$432 billion.

Source: The Atlantic CITYLAB, www.citylab.com

Weather: Some light rain started the week while the remainder of the period had slightly cool temperatures under partly to mostly sunny skies.

Operations: There were no operations this week.

Walter Geiger, Meteorologist
Western Kansas Weather Modification Program