



OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

FLOOD INFORMATION FORM

Division #:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 x <input type="checkbox"/> 8 <input type="checkbox"/>
County:	Love
Date Highwater occurred:	03/18/20
8 Highway Number:	Highway 77
Name of Stream:	
Direction and distance from nearest town, or highway junction	From the junction of S.H. 32 E and U.S. 77, Go S. Approx. 5.1 Miles.
Section, Township, Range:	Sec 18 T-8-S R-2-E
Description of Location:	Just N. of J.B. Taylor Rd.
Highwater Elevation:	814.36'
Level Datum & Source:	NAVD83
Method used:	GPS Static
Date Elevation Obtained:	03/19/20
Apparent Magnitude:	Normal X <input type="checkbox"/> Medium <input type="checkbox"/> Extreme <input type="checkbox"/> Don't Know <input type="checkbox"/>
Was Highwater Mark obtained from actual water, drift, local resident, or other source?	Information obtained from Marietta Barn
Explanatory Remarks:	Flash Flood in that area.

Note: Show Vicinity Map on back of form

Name (signature)

Name (Printed) Robert Uhles

Date: 09/26/2018

Lynn Hurley

From: opus <opus@ngs.noaa.gov>
Sent: Monday, March 23, 2020 4:44 PM
To: Lynn Hurley
Subject: [External] OPUS-RS solution : 202_0319_122602.m00 OP1584999624653

FILE: 202_0319_122602.m00 OP1584999624653

NGS OPUS-RS SOLUTION REPORT

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All computed coordinate accuracies are listed as 1-sigma RMS values.
For additional information: <https://www.ngs.noaa.noclick.gov/OPUS/about.jsp#accuracy>

USER: lhurley@odot.org DATE: March 23, 2020
RINEX FILE: 202_079r.20o TIME: 21:43:03 UTC

SOFTWARE: rsgps 1.38 RS93.prl 1.99.3 START: 2020/03/19 17:27:25
EPHEMERIS: igr20974.eph [rapid] STOP: 2020/03/19 18:04:05
NAV FILE: brdc0790.20n OBS USED: 2862 / 3528 : 81%
ANT NAME: LEIGS15 NONE QUALITY IND. 10.44/ 26.23
ARP HEIGHT: 1.650 NORMALIZED RMS: 0.424

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2020.21514)

X:	-657716.014(m)	0.007(m)	-657716.882(m)	0.007(m)
Y:	-5260930.048(m)	0.060(m)	-5260928.629(m)	0.060(m)
Z:	3534022.760(m)	0.037(m)	3534022.590(m)	0.037(m)

LAT:	33 51 49.18316	0.008(m)	33 51 49.20210	0.008(m)
E LON:	262 52 26.09011	0.009(m)	262 52 26.04976	0.009(m)
W LON:	97 7 33.90989	0.009(m)	97 7 33.95024	0.009(m)
EL HGT:	221.798(m)	0.070(m)	220.624(m)	0.070(m)
ORTHO HGT:	247.766(m)	0.076(m)	[NAVD88 (Computed using GEOID18)]	

UTM COORDINATES STATE PLANE COORDINATES

	UTM (Zone 14)	SPC (3502 OK S)
Northing (Y) [meters]	3748619.099	59176.611
Easting (X) [meters]	673339.678	680865.264
Convergence [degrees]	1.04443889	0.49604722
Point Scale	0.99997041	1.00001443
Combined Factor	0.99993559	0.99997961

US NATIONAL GRID DESIGNATOR: 14SPC7333948619(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DE8097	OKAD ADA CORS ARP	N344801.214	W0964417.707	109865.4
DL9084	TXSR SHERMAN CORS ARP	N333529.639	W0963625.173	56793.3
DL3178	TXNO NOCONA CORS ARP	N334632.344	W0974333.670	56394.8
DG9791	OKDN DUNCAN CORS ARP	N342845.501	W0975759.560	103289.3
DE7168	OKAN ANTLERS CORS ARP	N341142.708	W0953716.846	143750.0
DL3498	TXBN BONHAM CORS ARP	N333624.195	W0961031.155	92603.9
DF8986	TXDE DENTON CORS ARP	N331237.612	W0970945.970	72532.6
DE8099	OKLW LAWTON CORS ARP	N343421.987	W0982435.689	142066.5
DE7174	OKTE TECUMSEH CORS ARP	N351536.668	W0965352.107	156332.4

NEAREST NGS PUBLISHED CONTROL POINT

DN0563	427.2	N335128.000	W0970729.000	664.8
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This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.