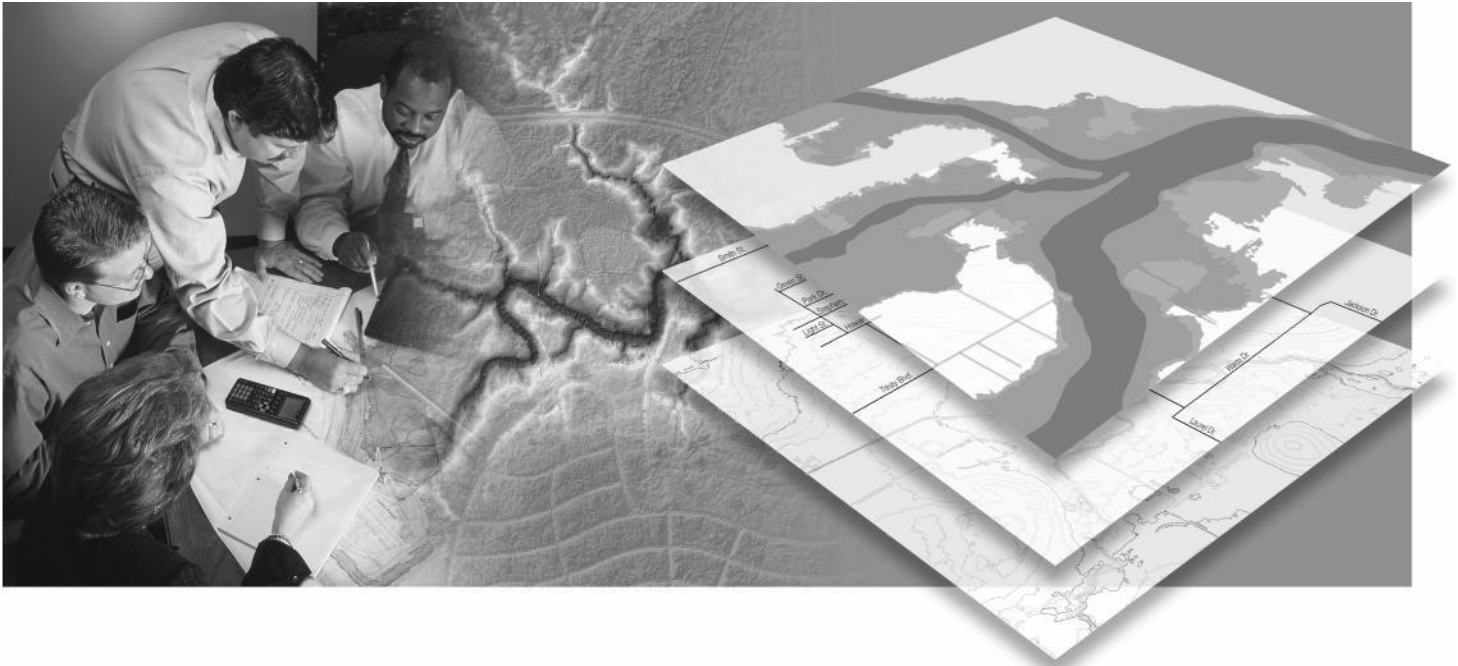
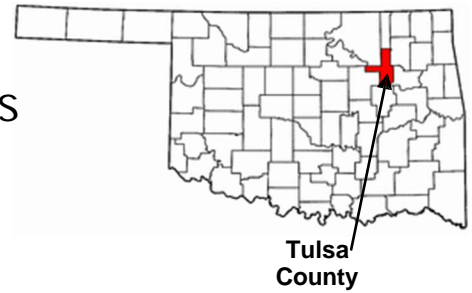


# Flood Insurance Study

Tulsa County, Oklahoma and Incorporated Areas

VOLUME 3 of 7



## COMMUNITY NAME

## COMMUNITY NO.

Bixby, City of	400207
Broken Arrow, City of	400236
Collinsville, City of	400360
Glenpool, City of	400208
Jenks, City of	400209
Liberty, Town of <sup>1</sup>	400547
Lotsee, Village of <sup>2</sup>	400546
Owasso, City of	400210
Sand Springs, City of	400211
Sapulpa, City of	400053
Skiatook, Town of	400212
Sperry, Town of	400213
Tulsa, City of	405381
Tulsa County (Unincorporated Areas)	400462

<sup>1</sup> Disincorporated into the Unincorporated Areas of Tulsa County

<sup>2</sup> No Special Flood Hazard Areas Identified

Revised: May 2, 2019  
FLOOD INSURANCE STUDY NUMBER  
40143CV003E



# FEMA

## **NOTICE TO FLOOD INSURANCE STUDY USERS**

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this Flood Insurance Study may be revised and republished at any time. In addition, part of this Flood Insurance Study may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the Flood Insurance Study. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current Flood Insurance Study components.

Users should refer to Section 10.0, Revision Description, for further information. Section 10.0 is intended to present the most up-to-date information for specific portions of this FIS report. Therefore, users of the FIS report should be aware that the information presented in Section 10.0 supersedes information in Section 1.0 through 9.0 of this FIS report.

Initial Countywide FIS Effective Date: September 22, 1999.

First Revised Countywide FIS Revision Date: Map revised September 7, 2001 to change base flood elevations, to change special flood hazard areas, to reflect updated topographic information, and to change floodway.

Second Revised Countywide FIS Revision Date: Map revised April 16, 2003 to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to revise vertical datum, to update roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

Third Revised Countywide FIS Revision Date: Map revised August 3, 2009 to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to revise vertical datum, to update roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

Fourth Revised Countywide FIS Revision Date: Map revised October 16, 2012 to change Special Flood Hazard Areas, to reflect updated topographic information, and to incorporate previously issued Letter of Map Revision.

Fifth Revised Countywide FIS Revision Date: Map revised September 30, 2016 to change Base Flood Elevations and Special Flood Hazard Areas, and to incorporate previously issued Letters of Map Revision.

Sixth Revised Countywide FIS Revision Date: Map revised May 2, 2019 to change Special Flood Hazard Areas to reflect new detailed modeling of Joe Creek and its tributaries and to incorporate previously issued Letters of Map Revision.

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Exhibit 2 – Flood Insurance Rate Map Index (Published Separately)  
Flood Insurance Rate Maps (Published Separately)



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>Joe Creek</b>								
A	1,000	224	2,441	4.6	619.1	619.1	619.1	0.0
B	4,600	191	2,027	6.7	622.9	622.9	622.9	0.0
C	7,520	189	2,439	5.6	627.3	627.3	627.3	0.0
D	10,720	106	1,120	16.9	634.7	634.7	634.7	0.0
E	11,977	104	1,140	16.6	637.9	637.9	637.9	0.0
F	14,831	99	1,032	18.3	644.0	644.0	644.0	0.0
G	17,160	99	1,310	14.5	652.4	652.4	652.4	0.0
H	18,078	42	558	13.8	655.0	654.0	654.0	0.0
I	19,596	50	968	7.9	657.5	657.5	657.6	0.1

<sup>1</sup> Feet above confluence with Arkansas River

<b>TABLE 8</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>TULSA COUNTY, OK</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>JOE CREEK</b>

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Jones Creek</b>								
A	276	134	739	3.9	631.0	631.0	631.4	0.4
B	2,575	156	689	2.5	643.3	643.3	643.7	0.4
C	3,417	80	470	3.7	645.7	645.7	645.9	0.2
D	4,302	55	257	6.7	648.0	648.0	648.3	0.3
E	5,358	418	4,140	0.5	660.2	660.2	660.2	0.0
F	7,905	247	321	6.6	675.2	675.2	675.2	0.0
G	8,608	45	205	8.8	679.7	679.7	679.7	0.0

<sup>1</sup> Feet above confluence with Mill Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**JONES CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Little Creek</b>								
A	1,021	155	593	4.8	602.5	602.5	602.7	0.2
B	1,490	45	318	8.6	607.3	607.3	607.6	0.3
C	3,129	232	775	3.2	618.8	618.8	619.1	0.3
D	3,896	311	551	4.6	624.8	624.8	625.3	0.5
E	4,326	226	917	2.2	626.3	626.3	627.1	0.8
F	5,057	189	312	6.5	632.2	632.2	632.3	0.1
G	7,066	182	536	3.0	641.0	641.0	641.8	0.8
H	8,758	160	302	5.4	647.8	647.8	647.8	0.0

<sup>1</sup>Feet above confluence with Mingo Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**LITTLE CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Little Haikey Creek</b>								
A	2,325	545	2,236	2.8	623.3	623.3	624.3	1.0
B	3,328	270	1,500	4.2	625.9	625.9	626.8	0.9
C	4,559	407	2,412	2.6	628.1	628.1	628.9	0.8
D	5,443	377	2,003	3.1	629.6	629.6	630.1	0.5
E	5,958	394	2,412	2.6	632.7	632.7	633.0	0.3
F	6,663	385	2,294	2.7	633.4	633.4	633.8	0.4
G	7,169	450	2,606	2.4	633.9	633.9	634.5	0.6
H	8,045	291	1,602	3.9	635.2	635.2	635.7	0.6
I	8,953	290	1,892	3.2	639.2	639.2	640.1	0.8
J	9,633	485	2,676	2.3	640.9	640.9	641.4	0.5
K	10,960	304	1,396	4.4	642.3	642.3	642.8	0.5
L	11,568	375	2,551	2.4	644.5	644.5	644.6	0.2
M	12,417	557	3,056	2.0	645.6	645.6	645.9	0.3
N	13,222	486	2,149	2.8	646.2	646.2	646.5	0.3
O	13,357	488	2,114	2.9	647.0	647.0	647.1	0.1
P	13,936	540	1,654	3.4	647.5	647.5	647.7	0.2
Q	15,256	190	1,270	5.5	648.0	648.0	648.3	0.3
R	16,256	470	1,188	9.9	652.8	652.8	653.0	0.2
S	17,736	590	400	13.8	654.5	654.5	654.7	0.2
T	18,586	530	2,221	2.5	655.6	655.6	655.4	0.3

<sup>1</sup>Feet above confluence with Haikey Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**LITTLE HAIKEY CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Little Haikey Creek (continued)</b>								
U	19,299	206	1,654	3.4	657.1	657.1	657.8	0.7
V	20,801	180	1,270	5.5	661.0	661.0	661.0	0.0
W	21,221	215	1,188	9.9	661.1	661.1	661.1	0.0
X	22,396	53	539	10.3	661.7	661.7	661.9	0.2
Y	22,916	105	627	8.8	663.9	663.9	664.0	0.1
Z	23,566	270	1,137	4.9	668.0	668.0	668.1	0.1
AA	24,286	90	800	6.9	669.9	669.9	669.9	0.0
AB	24,386	225	1,241	4.5	670.6	670.6	670.6	0.0
AC	25,836	197	1,508	3.2	673.0	673.0	673.0	0.0
AD	26,286	285	1,538	3.1	673.3	673.3	673.4	0.1
AE	27,056	214	913	5.3	674.2	674.2	674.4	0.2
AF	27,686	350	1,009	4.8	676.6	676.6	676.9	0.3
AG	28,436	400	1,395	3.5	679.5	679.5	679.7	0.2
AH	29,686	500	1,415	3.5	681.2	681.2	681.6	0.4
AI	30,786	350	1,506	2.7	684.0	684.0	684.2	0.2
AJ	31,506	210	850	4.7	685.1	685.1	685.6	0.5
AK	32,006	230	1,036	3.9	687.6	687.6	687.8	0.2
AL	32,366	146	626	6.4	688.6	688.6	688.6	0.0
AM	32,816	149	756	5.3	689.3	689.3	689.5	0.2
AN	33,256	350	1,645	2.4	690.7	690.7	691.0	0.3

<sup>1</sup> Feet above confluence with Haikey Creek.

**TABLE 6**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**LITTLE HAIKEY CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Little Haikey Creek</b>								
AO	33,366	470	2,845	1.4	692.1	692.1	692.1	0.0
AP	33,866	470	2,877	1.4	692.2	692.2	692.2	0.0
AQ	34,416	231	745	5.4	693.0	693.0	693.2	0.2
AR	34,816	330	986	4.1	695.7	695.7	696.1	0.4
AS	35,026	234	789	5.1	696.8	696.8	697.4	0.6
AT	35,276	209	1,162	3.4	698.4	698.4	698.8	0.4
AU	35,526	200	954	4.2	699.1	699.1	699.4	0.3
AV	36,976	290	1,305	3.1	701.3	701.3	701.9	0.6
AW	37,436	230	963	4.2	704.1	704.1	704.1	0.0
AX	37,736	300	960	4.2	705.1	705.1	705.7	0.6
AY	38,056	270	1,221	3.3	706.7	706.7	707.0	0.3
AZ	39,236	90	530	4.4	709.6	709.6	709.7	0.1
BA	40,036	133	452	5.1	714.6	714.6	714.7	0.1
BB	40,636	225	655	3.5	717.1	717.1	717.6	0.5
BC	41,126	139	651	3.6	719.0	719.0	719.7	0.7
BD	41,266	107	555	4.2	720.3	720.3	720.7	0.4
BE	41,896	99	622	2.4	724.4	724.4	724.5	0.1

<sup>1</sup>Feet above confluence with Haikey Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**LITTLE HAIKEY CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Little Haikey Creek Tributary</b>								
A	386	111	522	2.9	708.0	708.0	708.2	0.2
B	824	99	364	4.2	708.8	708.8	708.9	0.1
C	1,219	137	375	4.1	712.2	712.2	712.2	0.0
D	1,877	110	511	3.0	716.7	716.7	717.0	0.3
E	2,472	50	349	4.4	721.1	721.1	721.8	0.7
F	2,807	43	159	9.7	721.5	721.5	721.5	0.0

<sup>1</sup>Feet above confluence with Little Haikey Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**LITTLE HAIKEY CREEK TRIBUTARY**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>Little Joe Creek</b>								
A	350	227	1,559	6.4	655.2	655.2	655.2	0.0
B	1,549	95	806	12.4	655.2	655.2	655.2	0.0
C	3,236	70	597	16.8	661.2	661.2	661.2	0.0
D	4,504	70	472	17.7	666.9	666.9	666.9	0.0
E	6,191	35	418	19.6	675.5	675.5	675.5	0.0
F	7,333	301	1,197	3.6	687.5	687.5	687.8	0.3
G	9,222	205	1,009	4.0	697.6	697.6	698.4	0.8
H	10,096	122	844	4.7	700.1	700.1	700.9	0.8
I	10,311	114	851	4.8	703.1	703.1	703.6	0.5
J	11,243	293	408	7.9	707.4	707.4	707.4	0.0
K	11,422	73	480	5.8	709.0	709.0	709.5	0.5
L	13,018	30	213	14.4	713.8	713.8	713.8	0.0
M	13,077	88	429	6.4	716.5	716.5	717.2	0.7
N	13,211	42	349	8.1	717.4	717.4	717.7	0.3
O	13,586	42	322	8.8	717.9	717.9	718.0	0.1

<sup>1</sup> Feet above confluence with Joe Creek

<b>TABLE 8</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>TULSA COUNTY, OK</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>LITTLE JOE CREEK</b>



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
<b>Little Sand Creek</b>								
A	1,365	40	69	8.9	664.0	661.4 <sup>2</sup>	661.4	0.0
B	2,170	67	102	6.0	667.6	667.6	667.7	0.1
C	3,095	46	89	6.9	676.5	676.5	676.9	0.4
D	4,055	31	84	5.5	686.7	686.7	687.6	0.9
E	4,730	42	82	5.6	694.2	694.2	694.6	0.4
F	5,595	210	688	3.3	705.4	705.4	705.4	0.0
G	6,470	68	236	9.7	712.4	712.4	712.6	0.2
H	7,045	44	157	10.7	717.8	717.8	717.9	0.1
I	8,045	43	155	10.8	728.4	728.4	728.5	0.1
J	8,970	46	156	9.7	738.1	738.1	738.5	0.4
K	9,960	29	144	10.6	751.1	751.1	751.8	0.7

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**LITTLE SAND CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
<b>Lower Fred Creek</b>								
A	950	135	367	2.8	616.0	607.7 <sup>2</sup>	607.7	0.0
B	3,200	73	400	2.4	616.0	613.5 <sup>2</sup>	613.5	0.2
C	3,875	47	184	4.6	617.8	617.8	617.8	0.0

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>Elevation computed without consideration of backwater from the Arkansas River.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**LOWER FRED CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Middle Branch Haikey Creek</b>								
A	1,000 <sup>1</sup>	130	1,116	6.0	651.8	648.4 <sup>4</sup>	648.7	0.3
B	1,660 <sup>2</sup>	162	1,349	4.8	651.8	651.6 <sup>4</sup>	652.1	0.5
C	2,360 <sup>2</sup>	162	2,309	3.0	651.8	651.8	652.7	0.9
D	2,785 <sup>2</sup>	200	1,650	5.8	652.5	652.5	653.2	0.7
E	3,000 <sup>1</sup>	209	2,181	3.1	653.1	653.1	653.9	0.8
F	4,000 <sup>1</sup>	325	2,317	2.9	654.7	654.7	655.2	0.5
G	4,500 <sup>1</sup>	165	1,460	4.6	655.2	655.2	655.6	0.4
H	5,500 <sup>1</sup>	250	2,122	3.1	659.3	659.3	660.0	0.7
I	6,888 <sup>1</sup>	180	1,405	4.6	661.4	661.4	662.2	0.8
J	8,500 <sup>1</sup>	100	706	9.2	663.4	663.4	664.4	1.0
K	9,500 <sup>1</sup>	190	1,424	3.6	666.4	666.4	667.4	1.0
L	10,500 <sup>1</sup>	149	1,048	5.0	669.6	669.6	670.0	0.4
M	11,500 <sup>1</sup>	110	875	5.9	672.0	672.0	672.3	0.3
N	13,000 <sup>1</sup>	166	1,288	4.0	678.0	678.0	678.7	0.7
O	14,000 <sup>1</sup>	122	1,106	4.1	679.6	679.6	679.9	0.3
P	15,000 <sup>1</sup>	118	997	4.6	683.3	683.3	683.6	0.3
Q	16,000 <sup>1</sup>	183	1,139	4.0	684.1	684.1	684.8	0.7
R	15,855 <sup>3</sup>	76	204	9.9	684.5	684.5	684.5	0.0
S	16,144 <sup>3</sup>	152	380	5.9	687.7	687.7	687.7	0.0
T	16,510 <sup>3</sup>	90	326	6.0	689.9	689.9	689.9	0.0

<sup>1</sup> Feet above confluence with East Branch Haikey Creek based upon streamline for detailed study completed November 18, 2005.

<sup>2</sup> Feet above confluence with East Branch Haikey Creek based upon profile base line from LOMR 06-06-BJ56P dated January 29, 2007.

<sup>3</sup> Feet above confluence with East Branch Haikey Creek based upon profile base line from LOMR 06-06-BE22P dated January 25, 2007.

<sup>4</sup> Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**MIDDLE BRANCH HAIKEY CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Mill Creek</b>								
A	725	54	440	13.7	622.4	620.4 <sup>2</sup>	620.4	0.0
B	1,600	66	474	12.5	625.8	625.8	625.8	0.0
C	1,850	62	404	14.6	625.8	625.8	625.8	0.0
D	4,233	51	244	12.5	634.7	634.7	634.7	0.0
E	4,800	50	245	12.4	637.5	637.5	637.5	0.0
F	5,436	105	617	4.1	642.8	642.8	642.9	0.1
G	6,043	93	516	4.9	643.7	643.7	644.1	0.4
H	6,226	584	1,147	3.5	653.9	653.9	653.9	0.0
I	7,988	64	496	8.1	656.5	656.5	657.2	0.7
J	13,548	51	369	6.3	697.9	697.9	698.8	0.9
K	14,433	116	509	4.0	704.2	704.2	704.8	0.6
L	15,588	234	1,307	2.2	718.7	718.7	718.7	0.0
M	16,098	68	353	8.0	720.0	720.0	720.3	0.3
N	16,528	95	591	4.8	722.4	722.4	722.9	0.5
O	16,858	41	313	9.1	726.4	726.4	727.2	0.8

<sup>1</sup>Feet above confluence with Mingo Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**MILL CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Mingo Creek</b>								
A	1,750	300	4,811	8.5	589.4	587.6 <sup>2</sup>	588.2	0.6
B	6,150	1,425	17,788	2.4	592.7	592.7	593.5	0.8
C	9,180	1,879	22,009	1.9	593.4	593.4	594.3	0.9
D	12,775	472	6,299	6.7	597.9	597.9	598.4	0.5
E	14,320	384	7,069	6.1	599.9	599.9	600.7	0.8
F	16,620	700	8,754	4.7	601.4	601.4	602.2	0.8
G	18,715	600	6,359	6.5	603.3	603.3	603.9	0.6
H	21,700	2,100	19,915	1.8	605.1	605.1	606.0	0.9
I	26,020	2,350	19,961	1.8	605.8	605.8	606.6	0.8
J	30,630	2,460	22,752	1.8	607.7	607.7	608.5	0.8
K	33,510	339	5,834	6.5	610.9	610.9	611.5	0.6
L	36,310	389	5,505	5.8	612.6	612.6	613.2	0.6
M	40,110	191	2,713	11.6	615.3	615.3	615.7	0.4
N	41,870	357	4,617	6.1	619.2	619.2	619.4	0.2
O	43,580	264	3,788	7.3	620.7	620.7	620.8	0.1
P	45,120	264	3,909	6.0	622.1	622.1	622.2	0.1
Q	46,130	190	2,715	9.1	622.6	622.6	622.8	0.2
R	48,720	240	2,816	6.5	625.4	625.4	625.5	0.1
S	50,300	263	3,163	6.5	628.6	628.6	628.7	0.1
T	52,170	209	2,615	8.5	630.8	630.8	630.8	0.0

<sup>1</sup>Feet above confluence with Bird Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**MINGO CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Mingo Creek (cont)</b>								
U	52,530	178	2,141	9.5	631.5	631.5	631.5	0.0
V	54,150	120	1,245	16.4	632.9	632.9	632.9	0.0
W	55,330	185	2,124	8.6	637.7	637.7	637.7	0.0
X	56,672	188	2,202	8.5	639.5	639.5	639.5	0.0
Y	57,110	182	1,212	8.5	640.3	640.3	640.3	0.0
Z	58,195	216	2,624	6.2	643.2	643.2	643.3	0.1
AA	59,440	169	1,829	6.5	644.2	644.2	644.2	0.0
AB	59,900	202	2,115	5.7	645.7	645.7	645.8	0.1
AC	60,820	178	2,052	5.7	646.4	646.4	646.5	0.1
AD	65,325	111	1,056	7.6	653.9	653.9	654.0	0.1
AE	66,845	137	1,201	6.7	658.2	658.2	658.2	0.0
AF	68,870	128	991	5.0	662.0	662.0	662.0	0.0
AG	70,160	139	1,359	3.5	663.0	663.0	663.1	0.1
AH	70,615	101	969	4.9	664.2	664.2	664.2	0.0
AI	71,462	80	997	3.5	670.0	670.0	670.8	0.8
AJ	73,020	114	775	4.6	672.0	672.0	672.8	0.8
AK	73,850	106	833	3.9	673.8	673.8	674.6	0.8
AL	75,290	102	615	4.8	675.8	675.8	676.1	0.3
AM	77,215	200	356	8.3	682.2	682.2	682.7	0.5

<sup>1</sup>Feet above confluence with Bird Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**MINGO CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Mingo Creek (cont)</b>								
AN	79,760	74	402	3.2	689.3	689.3	689.8	0.5
AO	79,850	49	135	9.5	689.3	689.3	689.3	0.0
AP	81,449	105	489	5.4	695.8	695.8	695.8	0.0
AQ	81,775	130	815	3.2	702.8	702.8	702.8	0.0
AR	82,060	131	805	3.3	702.9	702.9	702.9	0.0
AS	82,190	106	292	9.0	702.9	702.9	702.9	0.0
AT	82,990	48	127	9.3	707.7	707.7	707.7	0.0
AU	83,550	51	181	6.5	712.1	712.1	712.1	0.0
AV	84,230	56	210	5.6	721.0	721.0	721.0	0.0

<sup>1</sup>Feet above confluence with Bird Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**MINGO CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Mooser Creek</b>								
A	770	65	516	12.4	624.0	620.9 <sup>2</sup>	620.9	0.0
B	2,410	210	1,148	5.8	630.1	630.1	630.5	0.4
C	4,748	48	360	15.7	638.1	638.1	638.1	0.0
D	5,964	187	1,401	4.8	647.5	647.5	648.3	0.8
E	7,290	86	807	6.6	650.8	650.8	651.4	0.6
F	10,190	91	500	6.6	662.7	662.7	663.6	0.9
G	12,190	100	519	5.3	673.9	673.9	674.8	0.9
H	13,630	36	306	8.2	681.8	681.8	682.3	0.5
I	14,560	115	518	5.9	687.8	687.8	687.8	0.0
J	14,860	63	412	6.6	690.7	690.7	690.7	0.0
K	16,648	80	533	5.6	707.8	707.4	708.3	0.8
L	17,498	144	298	9.6	713.0	713.0	713.0	0.0

<sup>1</sup> Feet above confluence with Arkansas River.

<sup>2</sup> Elevation computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**MOOSER CREEK**



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Mooser Creek Tributary</b>								
A	1,680	135	809	3.4	662.2	662.2	662.2	0.0
B	3,780	161	1,186	2.3	670.3	670.3	671.1	0.8
C	5,860	191	1,035	2.4	677.7	677.7	677.7	0.0

<sup>1</sup> Feet above confluence with Mooser Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**MOOSER CREEK TRIBUTARY**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Nichols Creek</b>								
A	732	43	435	2.8	689.3	689.3	690.1	0.8
B	1,004	103	794	1.6	689.4	689.4	690.4	1.0
C	1,330	61	250	4.9	689.2	689.2	690.2	1.0
D	1,855	38	223	5.5	692.7	692.7	693.5	0.8
E	2,316	44	246	5.0	695.4	695.4	696.1	0.7
F	2,648	34	167	7.4	697.9	697.9	698.3	0.4
G	2,964	65	234	5.3	701.9	701.9	702.3	0.4
H	3,326	34	189	6.5	705.0	705.0	705.4	0.4
I	3,801	50	322	3.8	712.6	712.6	713.1	0.5
J	4,306	87	458	2.7	713.3	713.3	714.1	0.8
K	4,999	83	171	7.2	717.3	717.3	717.3	0.0
L	5,420	42	354	2.0	723.8	723.8	724.4	0.6
M	5,784	77	287	2.4	723.9	723.9	724.6	0.7
N	6,589	90	110	6.3	732.1	732.1	732.1	0.0
O	7,432	78	105	6.7	738.5	738.5	738.5	0.0
P	7,799	17	63	11.0	742.2	742.2	742.6	0.4

<sup>1</sup>Feet above confluence with Coal Creek (West Tulsa).

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**NICHOLS CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Nickel Creek</b>								
A	1,515	803	3,244	2.8	629.4	626.8 <sup>2</sup>	627.6	0.8
B	4,404	968	2,358	3.9	629.4	629.2 <sup>2</sup>	630.1	0.9
C	5,565	1,040	3,751	2.4	631.2	631.2	631.8	0.6
D	6,601	956	4,090	2.2	635.0	635.0	635.1	0.1
E	6,925	632	2,281	4.0	635.5	635.5	635.7	0.2

<sup>1</sup>Feet above confluence with Polecat Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**NICKEL CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>North Fork Little Joe Creek</b>								
A	238	349	596	1.5	682.5	682.5	682.5	0.0
B	849	34	149	11.9	682.6	682.6	682.7	0.1
C	1,217	78	453	3.9	688.5	688.5	689.1	0.6
D	1,279	78	490	3.6	688.8	688.8	689.5	0.7
E	1,706	47	345	5.0	690.9	690.9	691.6	0.7
F	1,852	45	159	11.0	692.1	692.1	692.1	0.0
G	1,976	315	1,620	1.1	696.9	696.9	697.1	0.2
H	2,632	82	371	4.8	697.0	697.0	697.1	0.1
I	3,325	77	409	7.0	697.3	697.3	697.8	0.5

<sup>1</sup> Feet above confluence with Little Joe Creek

<b>TABLE 8</b>	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>
	<b>TULSA COUNTY, OK AND INCORPORATED AREAS</b>	<b>NORTH FORK LITTLE JOE CREEK</b>

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Old Joe Tributary to Fred Creek</b>								
A	450	70	117	9.2	621.7	619.9 <sup>2</sup>	619.9	0.0
B	950	410	2,309	0.5	623.7	623.7	623.7	0.0
C	1,750	111	495	2.2	623.8	623.8	623.8	0.0
D	2,400	78	246	3.7	624.5	624.5	624.5	0.0
E	3,450	53	259	3.5	626.3	626.3	626.3	0.0

<sup>1</sup>Feet above confluence with Fred Creek.

<sup>2</sup>Elevation computed without consideration of backwater from Fred Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**OLD JOE TRIBUTARY TO FRED CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Olive Creek</b>								
A	944	78	401	5.0	655.3	651.5 <sup>2</sup>	651.8	0.3
B	2,000	127	517	3.3	657.0	657.0	657.5	0.5
C	3,000	75	468	3.6	663.6	663.6	664.6	1.0
D	4,000	188	604	2.8	665.9	665.9	666.5	0.6
E	4,500	119	439	3.9	669.0	669.0	669.5	0.5
F	5,000	79	436	2.9	671.0	671.0	671.2	0.2
G	5,500	115	391	3.2	672.2	672.2	672.5	0.3
H	6,000	85	276	4.5	675.4	675.4	675.7	0.3
I	7,000	91	200	4.7	680.4	680.4	680.7	0.3
J	8,000	97	304	3.1	686.0	686.0	686.8	0.8
K	9,055	97	368	2.5	691.2	691.2	691.8	0.6
L	10,192	170	327	2.9	696.5	696.5	696.6	0.1
M	10,748	33	97	9.6	701.1	701.1	701.1	0.0

<sup>1</sup>Feet above confluence with Haikey Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**OLIVE CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Panther Creek</b>								
A	743	300	1,613	2.3	624.0	621.4 <sup>2</sup>	622.3	0.9
B	1,495	350	1,529	2.4	624.0	622.0 <sup>2</sup>	623.0	1.0
C	2,465	350	2,004	1.8	624.0	623.1 <sup>2</sup>	623.9	0.8
D	5,145	383	1,210	3.0	625.7	625.7	626.5	0.8
E	5,536	490	1,625	2.3	626.2	626.2	627.0	0.8
F	6,593	222	889	4.1	628.7	628.7	629.5	0.8
G	7,882	225	967	2.9	630.7	630.7	631.6	0.9
H	8,918	341	2,523	1.1	635.5	635.5	636.2	0.7
I	9,340	368	2,152	1.3	635.6	635.6	636.2	0.6
J	10,501	258	1,175	2.4	637.2	637.2	638.1	0.9
K	12,152	174	727	3.9	638.5	638.5	639.5	1.0

<sup>1</sup>Feet above confluence with Charley Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**PANTHER CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Park Grove Creek</b>								
A	883	150	894	3.2	688.2	688.2	689.2	1.0
B	2,108	150	834	3.4	691.6	691.6	692.0	0.4
C	2,588	115	626	4.5	693.3	693.3	693.8	0.5
D	3,792	125	558	5.1	696.1	696.1	696.6	0.5
E	4,715	157	607	4.7	702.7	702.7	703.1	0.4
F	6,083	115	525	3.9	706.0	706.0	706.8	0.8
G	6,704	90	336	6.0	710.9	710.9	711.0	0.1
H	7,271	119	782	2.4	718.5	718.5	718.5	0.0
I	8,286	214	658	2.9	720.5	720.5	720.9	0.4

<sup>1</sup>Feet above confluence with Middle Branch Haikey Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**PARK GROVE CREEK**



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Polecat Creek</b>								
A	885	1,615	17,174	3.2	610.9	609.2 <sup>2</sup>	609.2	0.0
B	2,474	5,505	9,913	5.6	610.9	610.1 <sup>2</sup>	610.1	0.0
C	2,621	5,599	21,993	2.5	613.3	613.3	613.3	0.0
D	5,720	3,847	17,234	3.2	614.8	614.8	614.8	0.0
E	8,465	2,712	20,912	2.7	616.5	616.5	616.5	0.0
F	10,123	1,824	12,914	4.3	617.3	617.3	617.3	0.0
G	10,406	1,065	13,399	4.2	618.6	618.6	618.6	0.0
H	12,042	506	10,165	5.5	619.9	619.9	619.9	0.0
I	13,067	697	24,013	4.5	621.2	621.2	621.2	0.0
J	13,921	1,366	20,924	3.1	621.8	621.8	621.8	0.0
K	16,316	2,193	29,443	1.9	622.4	622.4	622.4	0.0
L	18,845	2,286	28,883	1.9	622.5	622.5	622.5	0.0
M	19,318	2,222	25,566	2.2	622.5	622.5	622.5	0.0
N	23,695	4,590	27,007	2.1	623.8	623.8	623.8	0.0
O	23,902	4,490	29,382	1.9	623.9	623.9	623.9	0.0
P	26,091	3,453	28,789	1.9	624.2	624.2	624.2	0.0
Q	28,736	1,949	17,196	3.2	625.2	625.2	625.2	0.0
R	31,292	2,674	20,306	2.7	626.9	626.9	626.9	0.0
S	35,248	2,910	22,007	2.5	629.2	629.2	629.2	0.0
T	37,384	3,133	31,721	1.7	630.0	630.0	630.0	0.0

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**POLECAT CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Polecat Creek (cont)</b>								
U	37,786	3,349	50,853	1.1	632.6	632.6	632.6	0.0
V	38,929	3,430	48,653	1.1	632.7	632.7	632.7	0.0
W	41,995	2,066	21,137	2.6	633.4	633.4	633.4	0.0
X	43,170	2,670	27,976	2.5	634.1	634.1	634.1	0.0

<sup>1</sup>Feet above confluence with Arkansas River.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**POLECAT CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Posey Creek</b>								
A	2,600	117	1,782	7.3	605.6	605.6	606.4	0.8
B	3,400	131	1,609	8.1	606.8	606.8	607.5	0.7
C	5,215	1,015	3,854	3.4	609.7	609.7	610.3	0.6
D	7,123	1,352	4,541	2.9	611.3	611.3	611.8	0.5
E	8,945	1,500	5,642	2.3	612.5	612.5	613.0	0.5
F	9,600	976	4,538	2.9	614.5	614.5	615.0	0.5
G	10,600	780	3,231	4.1	615.0	615.0	615.8	0.8
H	11,000	586	3,006	4.4	615.7	615.7	616.5	0.8
I	11,835	585	3,181	4.1	617.1	617.1	617.9	0.8
J	13,172	817	5,422	2.4	618.6	618.6	619.5	0.9
K	13,986	671	4,031	3.4	618.9	618.9	619.9	1.0
L	15,113	575	3,379	4.1	619.7	619.7	620.7	1.0
M	16,505	665	3,772	3.6	621.7	621.7	622.3	0.6
N	18,200	566	3,549	3.9	622.8	622.8	623.7	0.9
O	19,200	630	3,754	3.6	623.8	623.8	624.7	0.9
P	20,840	540	1,799	4.8	626.6	626.6	627.0	0.4
Q	22,360	405	2,024	3.3	630.3	630.3	630.5	0.2
R	23,540	420	1,676	4.0	631.8	631.8	631.9	0.1
S	24,223	517	2,248	3.0	633.1	633.1	633.3	0.2
T	24,645	653	1,717	3.9	633.6	633.6	634.0	0.4
U	25,262	880	2,406	2.8	634.9	634.9	635.6	0.7

<sup>1</sup>Feet above confluence with Arkansas River.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**POSEY CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Posey Creek (cont)</b>								
V	25,700	530	1,914	3.5	637.3	637.3	638.2	0.9
W	26,800	402	1,125	5.1	639.8	639.8	640.3	0.5
X	27,700	187	968	6.0	643.6	643.6	643.9	0.3
Y	28,670	267	1,744	3.3	645.1	645.1	645.9	0.8
Z	29,200	329	809	7.1	646.8	646.8	646.9	0.1
AA	29,660	387	1,731	3.3	648.8	648.8	649.8	1.0
AB	30,500	309	1,508	3.8	651.2	651.2	651.2	0.0
AC	31,900	832	1,934	3.0	654.2	654.2	654.2	0.0
AD	33,500	867	2,468	2.3	657.0	657.0	657.6	0.6
AE	34,150	880	2,944	2.0	657.8	657.8	658.5	0.7
AF	35,000	1,314	2,419	2.2	659.0	659.0	659.8	0.8
AG	36,700	1,461	1,684	3.1	663.0	663.0	663.3	0.3
AH	38,000	995	2,846	1.8	666.2	666.2	666.9	0.7
AI	39,250	697	1,657	3.1	668.3	668.3	669.0	0.7
AJ	40,567	268	1,533	3.4	670.9	670.9	671.2	0.3
AK	41,700	278	1,185	4.4	672.8	672.8	673.1	0.3
AL	43,600	110	525	6.9	679.2	679.2	679.4	0.2
AM	45,550	532	3,729	0.8	692.8	692.8	692.8	0.0
AN	46,200	91	282	10.8	702.9	702.9	703.0	0.1

<sup>1</sup>Feet above confluence with Arkansas River.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**POSEY CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Posey Creek North Tributary 1</b>								
A	33	173	494	4.6	628.9	622.6 <sup>2</sup>	623.6	1.0
B	632	193	295	7.6	628.9	628.3 <sup>2</sup>	628.4	0.1
C	1,460	112	359	6.3	630.9	630.9	631.4	0.5
D	2,347	117	631	3.6	636.6	636.6	637.2	0.6
E	3,200	100	451	4.0	638.3	638.3	638.8	0.5
F	3,820	70	252	7.1	640.2	640.2	640.3	0.1
G	4,350	108	402	4.5	644.7	644.7	644.7	0.0
H	5,205	58	257	7.0	649.5	649.5	649.5	0.0
I	5,700	61	187	9.6	653.2	653.2	653.3	0.1
J	6,820	64	253	5.8	658.4	658.4	659.1	0.7
K	7,435	75	312	4.7	661.0	661.0	661.2	0.2
L	8,000	83	163	8.9	664.7	664.7	664.7	0.0
M	8,700	99	275	5.3	668.9	668.9	669.1	0.2
N	9,050	64	218	4.3	670.3	670.3	671.0	0.7
O	9,701	50	170	5.5	672.5	672.5	672.6	0.1
P	10,075	108	302	3.1	674.7	674.7	675.0	0.3
Q	10,700	53	172	5.4	676.3	676.3	677.0	0.7
R	11,280	70	209	4.5	680.4	680.4	680.4	0.0
S	12,060	114	236	4.0	684.2	684.2	684.4	0.2
T	12,630	144	492	1.9	688.5	688.5	689.8	1.3

<sup>1</sup>Feet above confluence with Posey Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**POSEY CREEK NORTH TRIBUTARY 1**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek North Tributary 1 (cont)								
U	13,271	155	241	3.9	690.1	690.1	690.5	0.4
V	13,800	219	232	4.0	694.0	694.0	693.7	-0.3

<sup>1</sup>Feet above confluence with Posey Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**POSEY CREEK NORTH TRIBUTARY 1**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Posey Creek South Tributary 1</b>								
A	291	55	414	5.4	610.5	604.6 <sup>2</sup>	605.3	0.7
B	1,055	38	288	7.8	610.5	606.1 <sup>2</sup>	606.6	0.5
C	1,400	55	256	8.7	610.5	607.7 <sup>2</sup>	608.1	0.4
D	2,090	70	332	6.7	613.3	613.3	613.4	0.1
E	2,591	52	333	6.7	614.8	614.8	615.7	0.9
F	2,900	49	264	8.4	616.0	616.0	617.0	1.0
G	3,120	58	317	7.0	618.0	618.0	618.6	0.6
H	3,307	40	205	10.9	619.2	619.2	619.8	0.6
I	4,000	40	237	9.4	625.0	625.0	625.2	0.2
J	4,740	43	202	11.1	629.0	629.0	629.0	0.0
K	5,205	50	363	6.1	632.7	632.7	633.4	0.7
L	5,970	73	297	7.5	634.6	634.6	635.1	0.5
M	6,500	57	240	9.3	638.6	638.6	638.8	0.2
N	7,500	37	138	8.5	644.4	644.4	644.8	0.4
O	8,189	35	136	8.6	651.2	651.2	651.6	0.4
P	8,596	40	168	7.0	654.3	654.3	654.5	0.2
Q	9,295	45	157	7.5	659.2	659.2	659.3	0.1
R	10,190	55	238	4.9	662.8	662.8	663.6	0.8
S	10,840	47	172	6.8	665.5	665.5	666.0	0.5
T	11,356	63	251	4.7	668.0	668.0	668.8	0.8

<sup>1</sup>Feet above confluence with Posey Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**POSEY CREEK SOUTH TRIBUTARY 1**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek South Tributary 2								
A	857	213	948	5.4	624.6	624.6	625.1	0.5
B	1,707	240	1,356	3.8	626.5	626.5	627.1	0.6
C	2,160	295	1,078	4.8	627.1	627.1	627.8	0.7
D	2,705	343	1,357	3.8	627.9	627.9	628.8	0.9
E	2,940	236	689	7.4	629.7	629.7	630.1	0.4
F	3,340	193	893	5.8	632.3	632.3	632.6	0.3
G	3,945	206	984	5.2	633.8	633.8	634.4	0.6
H	4,240	189	848	6.1	634.5	634.5	635.2	0.7
I	4,840	174	977	5.3	636.8	636.8	637.6	0.8
J	5,255	168	948	5.3	637.7	637.7	638.6	0.9
K	6,037	203	1,442	4.3	642.4	642.4	642.5	0.1
L	6,400	215	1,214	5.1	642.8	642.8	643.1	0.3
M	6,974	130	692	7.8	643.5	643.5	644.5	1.0
N	7,518	168	879	5.7	645.9	645.9	646.6	0.7
O	8,235	129	710	3.4	648.2	648.2	648.8	0.6
P	8,969	127	490	4.8	649.5	649.5	650.3	0.8
Q	9,543	141	492	4.8	650.7	650.7	651.5	0.8
R	10,247	169	541	4.4	653.2	653.2	653.7	0.5
S	11,168	220	486	4.9	655.5	655.5	656.1	0.6
T	11,828	196	740	3.2	657.1	657.1	658.0	0.9

<sup>1</sup>Feet above confluence with Posey Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**POSEY CREEK SOUTH TRIBUTARY 2**



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek South Tributary 2 (cont)								
U	12,473	135	581	4.1	657.7	657.7	658.6	0.9
V	12,673	131	492	4.8	658.1	658.1	659.0	0.9
W	13,240	182	693	3.4	659.1	659.1	660.0	0.9
X	13,508	175	862	2.9	661.7	661.7	662.3	0.6
Y	13,952	144	610	3.8	662.0	662.0	662.5	0.5

<sup>1</sup>Feet above confluence with Posey Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**POSEY CREEK SOUTH TRIBUTARY 2**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Prattville Creek</b>								
A	1,201	210	658	9.1	648.9	634.8 <sup>2</sup>	634.8	0.0
B	2,159	250	2,840	2.1	657.3	657.3	657.5	0.2
C	2,465	200	2,145	2.7	657.4	657.4	657.6	0.2
D	3,172	150	1,547	3.8	657.6	657.6	658.1	0.5
E	3,613	200	1,781	3.3	657.8	657.8	658.6	0.8
F	3,975	125	1,238	4.7	658.2	658.2	659.1	0.9
G	4,594	313	2,138	2.7	659.6	659.6	660.5	0.9
H	5,156	247	1,400	4.2	660.8	660.8	661.8	1.0
I	5,521	180	997	5.6	662.0	662.0	662.9	0.9
J	6,353	248	1,430	3.9	665.8	665.8	666.8	1.0
K	6,878	235	1,427	3.9	668.5	668.5	669.5	1.0
L	7,163	69	528	8.1	669.1	669.1	670.1	1.0
M	7,751	60	423	10.1	672.5	672.5	673.5	1.0
N	8,182	63	524	8.2	676.8	676.8	677.2	0.4
O	8,777	127	735	5.8	680.1	680.1	680.7	0.6
P	9,149	138	870	4.8	681.7	681.7	682.7	1.0
Q	10,064	82	800	5.2	687.5	687.5	688.4	0.9
R	10,516	125	1,022	4.0	694.0	694.0	694.8	0.8
S	10,940	63	419	9.6	696.4	696.4	697.4	1.0
T	12,105	42	295	13.1	705.3	705.3	705.7	0.4

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>Water-surface elevations calculated without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**PRATTVILLE CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Prattville Creek (cont)</b>								
U	13,205	59	352	7.7	712.9	712.9	713.9	1.0
V	13,851	150	1,144	2.4	725.1	725.1	725.1	0.0
W	14,569	80	757	3.6	726.3	726.3	726.4	0.1
X-Y <sup>2</sup>								

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>No floodway data.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**PRATTVILLE CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Quarry Creek</b>								
A	1,614	183	897	7.3	604.6	604.6	605.6	1.0
B	3,356	164	1,322	5.0	617.1	617.1	617.3	0.2
C	4,406	295	1,004	6.2	619.3	619.3	619.9	0.6
D	6,915	162	690	9.0	630.8	630.8	631.2	0.4
E	7,578	175	1,075	5.8	634.5	634.5	635.1	0.6
F	8,265	182	660	9.5	636.9	636.9	637.1	0.2
G	10,999	326	1,871	3.1	650.6	650.6	650.9	0.3
H	14,159	203	528	7.8	667.4	667.4	667.5	0.1
I	16,161	233	1,136	3.6	679.8	679.8	680.5	0.7

<sup>1</sup>Feet above confluence with Mingo Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**QUARRY CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Ranch Creek</b>								
A	4,840	5,275	42,964	0.3	591.9	585.7 <sup>2</sup>	586.7	1.0
B	6,400	4,600	38,239	0.3	591.9	585.8 <sup>2</sup>	586.7	0.9
C	7,250	4,500	37,704	0.4	591.9	585.8 <sup>2</sup>	586.7	0.9
D	7,860	4,600	35,720	0.4	591.9	585.8 <sup>2</sup>	586.7	0.9
E	8,720	3,800	28,523	0.5	591.9	586.7 <sup>2</sup>	587.6	0.9
F	9,820	2,150	15,554	0.8	591.9	586.8 <sup>2</sup>	587.6	0.8
G	10,855	1,590	10,073	1.3	591.9	586.9 <sup>2</sup>	587.7	0.8
H	11,760	395	2,589	5.1	591.9	587.2 <sup>2</sup>	587.9	0.7
I	12,280	620	4,909	2.7	591.9	591.6 <sup>2</sup>	591.9	0.3
J	12,870	800	5,787	2.3	592.0	592.0	592.2	0.2
K	13,710	500	3,310	3.6	592.1	592.1	592.6	0.5
L	14,610	389	2,632	4.5	593.0	593.0	593.3	0.3
M	15,300	425	2,967	4.0	593.9	593.9	594.0	0.1
N	15,500	400	2,958	4.0	594.0	594.0	594.3	0.3
O	16,100	550	4,542	2.6	595.8	595.8	596.5	0.7
P	16,280	600	4,577	2.6	595.8	595.8	596.5	0.7
Q	16,800	500	4,356	2.7	596.1	596.1	596.7	0.6
R	17,310	600	4,601	2.6	596.2	596.2	597.0	0.8
S	18,660	625	3,409	3.5	596.8	596.8	597.8	1.0
T	19,640	705	4,432	2.7	598.7	598.7	599.2	0.5

<sup>1</sup>Feet above confluence with Bird Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**RANCH CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Ranch Creek (cont)</b>								
U	20,740	775	3,433	3.5	600.0	600.0	600.4	0.4
V	21,740	730	3,842	3.1	601.4	601.4	601.9	0.5
W	21,990	670	2,705	4.4	601.8	601.8	602.3	0.5
X	22,500	300	1,595	7.5	603.6	603.6	603.8	0.2
Y	23,130	335	2,543	4.7	606.4	606.4	606.7	0.3
Z	23,680	315	2,064	5.8	607.2	607.2	607.9	0.7
AA	24,300	350	2,965	2.3	608.9	608.9	609.6	0.7
AB	24,830	260	1,528	4.4	609.0	609.0	609.9	0.9
AC	25,720	250	1,365	4.9	611.7	611.7	612.0	0.3
AD	26,450	223	1,489	4.5	613.8	613.8	614.0	0.2
AE	26,830	200	1,120	6.0	614.9	614.9	615.4	0.5
AF	27,340	220	1,366	4.9	616.6	616.6	617.6	1.0
AG	27,970	115	761	8.8	619.1	619.1	619.8	0.7
AH	28,410	120	908	7.4	622.9	622.9	622.9	0.0
AI	29,400	159	1,219	5.5	624.7	624.7	625.5	0.8
AJ	30,040	148	847	5.2	626.3	626.3	626.7	0.4
AK	31,010	165	1,047	4.2	627.7	627.7	628.6	0.9
AL	31,430	161	845	5.2	628.7	628.7	629.6	0.9
AM	32,370	165	776	5.7	632.8	632.8	632.8	0.0
AN	32,870	313	1,142	3.9	633.9	633.9	634.3	0.4
AO	33,580	370	2,031	1.6	637.6	637.6	638.3	0.7

<sup>1</sup>Feet above confluence with Bird Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**RANCH CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Ranch Creek (cont)								
AP	33,800	250	1,236	2.7	637.6	637.6	638.3	0.7
AQ	34,220	125	582	5.6	638.0	638.0	638.7	0.7
AR	34,780	145	822	4.0	639.1	639.1	639.7	0.6
AS	35,590	175	687	4.8	640.1	640.1	640.5	0.4
AT	36,090	205	437	7.5	641.5	641.5	641.5	0.0
AU	37,040	165	747	3.5	645.6	645.6	646.0	0.4
AV	37,880	107	379	6.9	647.2	647.2	648.1	0.9
AW	38,280	160	716	3.7	650.0	650.0	650.5	0.5
AX	39,320	230	732	1.9	651.5	651.5	652.4	0.9
AY	40,400	188	486	2.4	653.7	653.7	653.8	0.1
AZ	40,800	179	455	2.6	657.1	657.1	657.5	0.4
BA	41,660	190	430	2.7	659.1	659.1	659.2	0.1

<sup>1</sup>Feet above confluence with Bird Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**RANCH CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Ranch Creek Tributary</b>								
A	14,268	1,110	2,235	2.4	591.9	588.4 <sup>2</sup>	589.2	0.8
B	15,361	823	2,216	2.3	591.9	591.9	592.4	0.5
C	15,740	380	1,621	3.1	592.7	592.7	593.1	0.4
D	16,850	795	9,002	0.6	603.0	603.0	603.8	0.8
E	17,650	779	6,772	0.7	603.0	603.0	603.8	0.8
F	18,690	457	3,201	1.6	603.1	603.1	603.9	0.8
G	19,271	369	2,420	1.6	603.2	603.2	604.0	0.8
H	20,447	293	2,312	1.7	610.5	610.5	610.7	0.2
I	21,000	227	1,375	2.9	610.7	610.7	610.9	0.2
J	22,060	331	1,193	3.3	612.2	612.2	612.9	0.7
K	23,000	400	1,419	2.8	615.3	615.3	616.0	0.7
L	24,005	432	1,260	3.1	619.6	619.6	619.7	0.1
M	25,400	200	1,350	2.9	623.4	623.4	623.5	0.1
N	26,207	245	1,124	3.5	625.6	625.6	625.9	0.3
O	27,314	112	432	5.5	630.1	630.1	630.4	0.3
P	28,240	175	1,021	2.3	635.2	635.2	636.0	0.8
Q	28,800	108	523	4.6	636.0	636.0	636.9	0.9
R	29,330	122	562	4.2	638.7	638.7	639.5	0.8
S	30,411	150	524	4.5	645.1	645.1	645.4	0.3
T	31,649	150	415	5.7	653.5	653.5	653.9	0.4

<sup>1</sup>Feet above confluence with Ranch Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**RANCH CREEK TRIBUTARY**



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Ranch Creek Tributary (cont)</b>								
U	32,428	105	501	4.8	657.4	657.4	658.2	0.8
V	33,236	118	357	2.7	659.9	659.9	660.7	0.8
W	34,300	69	212	4.6	664.5	664.5	665.5	1.0
X	35,075	49	121	8.0	669.1	669.1	669.2	0.1

<sup>1</sup>Feet above confluence with Ranch Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**RANCH CREEK TRIBUTARY**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Ranch Creek Tributary A</b>								
A	1,588	519	2,290	0.9	603.7	603.7	604.0	0.3
B	2,673	651	2,740	0.7	603.7	603.7	604.0	0.3
C	3,045	39	209	9.7	605.5	605.5	605.6	0.1
D	3,653	176	466	3.6	607.2	607.2	607.4	0.2
E	4,307	54	241	6.9	611.6	611.6	612.2	0.6
F	5,155	45	175	9.5	624.7	624.7	624.7	0.0
G	5,466	32	147	11.3	628.4	628.4	628.4	0.0
H	6,098	67	179	7.8	634.3	634.3	634.5	0.2
I	6,662	69	193	6.2	640.6	640.6	640.6	0.0
J	7,144	60	263	4.0	652.1	652.1	653.1	1.0
K	7,449	176	672	1.6	656.0	656.0	656.2	0.2
L	8,030	30	81	9.5	659.6	659.6	659.8	0.2
M	8,561	105	516	1.3	661.5	661.5	662.2	0.7
N	9,159	67	171	3.9	665.1	665.1	665.9	0.8
O	9,748	16	62	10.7	669.4	669.4	669.4	0.0
P	9,963	16	62	10.7	670.1	670.1	670.1	0.0

<sup>1</sup>Feet above confluence with Ranch Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**RANCH CREEK TRIBUTARY A**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Ranch Creek Tributary B</b>								
A	972	107	767	4.4	609.9	609.9	610.5	0.6
B	1,463	176	930	3.7	610.3	610.3	611.1	0.8
C	2,173	153	825	4.0	612.7	612.7	612.9	0.2
D	2,902	130	647	5.1	616.4	616.4	616.8	0.4
E	3,360	170	743	4.5	617.6	617.6	618.5	0.9
F	4,553	94	564	5.8	626.4	626.4	627.4	1.0
G	5,368	92	502	6.5	630.1	630.1	631.0	0.9
H	5,617	206	919	3.5	633.4	633.4	633.6	0.2
I	6,306	102	577	5.5	634.8	634.8	635.1	0.3
J	7,464	137	691	4.6	638.5	638.5	639.0	0.5
K	8,148	270	303	9.1	642.9	642.9	643.0	0.1
L	8,561	113	727	3.8	644.5	644.5	645.0	0.5
M	9,256	103	408	6.7	645.5	645.5	646.4	0.9
N	10,021	100	450	3.7	647.7	647.7	648.0	0.3
O	10,733	201	722	2.3	648.6	648.6	649.1	0.5

<sup>1</sup>Feet above confluence with Ranch Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**RANCH CREEK TRIBUTARY B**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Red Fork Creek								
A	800	69	553	8.3	635.3	632.8 <sup>2</sup>	632.8	0.0
B	1,325	43	372	12.4	637.0	635.7 <sup>2</sup>	635.7	0.0
C	2,680	105	989	4.7	644.9	644.9	644.9	0.0
D	3,620	115	1,060	3.7	646.3	646.3	646.3	0.0

<sup>1</sup>Feet above confluence with Cherry Creek (West Tulsa).

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects from Cherry Creek (West Tulsa).

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**RED FORK CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Rolling Meadows Creek								
A	506	116	487	1.9	695.2	695.2	695.3	0.1
B	632	116	755	0.7	696.8	696.8	697.8	1.0
C	774	238	1,171	0.4	696.8	696.8	697.8	1.0
D	1,484	67	158	3.3	696.8	696.8	697.6	0.8
E	2,069	73	188	2.7	700.8	700.8	701.4	0.6
F	2,291	172	296	1.7	702.3	702.3	702.4	0.1
G	3,079	34	62	8.3	710.2	710.2	710.3	0.1
H	3,558	31	155	3.3	714.2	714.2	714.7	0.5
I	4,254	51	69	6.6	726.5	726.5	726.5	0.0
J	5,181	55	145	3.1	735.4	735.4	736.1	0.7
K	5,565	67	81	5.6	738.8	738.8	738.8	0.0

<sup>1</sup>Feet above confluence with Coal Creek (West Tulsa).

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**ROLLING MEADOWS CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Sand Creek</b>								
A-G <sup>2</sup>								
H	4,952	686	1,093	4.8	688.9	688.9	688.9	0.0
I	6,012	94	358	5.9	695.0	695.0	695.9	0.9
J	7,316	62	262	8.0	703.8	703.8	704.2	0.4
K	8,004	45	233	8.1	709.3	709.3	709.6	0.3
L	8,788	48	216	8.8	713.4	713.4	713.5	0.1
M	9,783	70	511	3.7	722.0	722.0	722.5	0.5

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>No floodway data.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**SAND CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>Sequoyah Creek</b>								
A	39	207	1,559	1.2	666.9	666.9	667.8	0.9
B	442	149	1,142	1.6	667.0	667.0	667.8	0.8
C	720	56	386	4.7	666.9	666.9	667.7	0.8
D	1,260	83	402	4.5	668.5	668.5	668.9	0.4
E	1,767	44	195	9.2	670.6	670.6	671.1	0.5
F	2,359	62	275	6.5	675.5	675.5	675.6	0.1
G	2,617	115	497	3.6	676.7	676.7	677.4	0.7
H	2,714	115	819	2.2	680.6	680.6	681.4	0.8
I	2,899	42	217	8.3	680.1	680.1	681.0	0.9
J	3,259	94	423	4.2	682.7	682.7	683.1	0.4
K	3,641	57	231	7.8	683.3	683.3	683.9	0.6
L	4,039	62	198	8.0	686.5	686.5	687.1	0.6
M	4,338	71	315	5.0	689.1	689.1	689.9	0.8
N	4,556	50	217	7.3	690.2	690.2	691.0	0.8
O	4,675	39	147	5.8	691.1	691.1	691.9	0.8
P	4,730	39	223	3.8	694.1	694.1	694.6	0.5
Q	4,945	99	520	1.6	694.4	694.4	694.9	0.5
R	5,182	195	735	1.2	694.4	694.4	695.0	0.6

<sup>1</sup> Feet above confluence with Broken Arrow Creek

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**SEQUOYAH CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Shady Grove Creek</b>								
A	100	127	627	5.6	658.0	652.2 <sup>2</sup>	653.2	1.0
B	1,080	96	765	4.6	658.0	656.4 <sup>2</sup>	657.0	0.6
C	1,220	135	675	5.2	658.0	656.6 <sup>2</sup>	657.2	0.6
D	1,600	115	581	6.0	658.3	658.3	659.1	0.8
E	2,090	126	812	4.3	660.7	660.7	661.4	0.7
F	2,575	120	685	5.1	661.6	661.6	662.5	0.9
G	2,960	118	818	4.3	662.5	662.5	663.4	0.9
H	3,450	110	608	5.7	663.3	663.3	664.1	0.8
I	3,610	171	868	4.0	663.8	663.8	664.8	1.0

<sup>1</sup>Feet above confluence with Harlow Creek

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**SHADY GROVE CREEK**



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Shell Creek</b>								
A	914	128	842	8.5	654.6	644.6 <sup>2</sup>	644.6	0.0
B	2,789	200	2,477	2.9	657.8	657.8	658.0	0.2
C	3,464	391	3,556	2.0	658.4	658.4	658.8	0.4
D	4,114	183	1,863	3.8	659.0	659.0	659.6	0.6
E	5,164	629	4,095	1.7	660.1	660.1	660.8	0.7

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**SHELL CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Skalall Creek Tributary</b>								
A	270	59	532	8.0	641.2	630.8 <sup>2</sup>	631.4	0.6
B	1,345	87	514	8.3	641.2	635.6 <sup>2</sup>	636.0	0.4
C	3,960	215	1,682	2.5	641.2	639.3 <sup>2</sup>	639.7	0.4
D	5,160	93	443	9.6	641.2	639.3 <sup>2</sup>	640.2	0.9
E	6,160	89	910	4.7	648.2	648.2	649.1	0.9
F	6,840	138	1,238	3.4	649.0	649.0	649.9	0.9
G	8,320	142	688	6.2	652.9	652.9	653.4	0.5
H	9,235	87	432	9.8	656.7	656.7	657.4	0.7
I	9,870	125	646	6.6	660.9	660.9	661.9	1.0
J	10,370	146	811	5.2	663.2	663.2	664.1	0.9
K	10,875	115	545	7.8	664.9	664.9	665.7	0.8
L	11,680	195	806	3.6	669.0	669.0	670.0	1.0
M	12,605	72	378	7.6	673.0	673.0	674.0	1.0
N	13,200	46	247	11.6	678.4	678.4	679.1	0.7

<sup>1</sup> Feet above confluence with Skalall Creek.

<sup>2</sup> Elevations calculated without consideration to backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**SKALALL CREEK TRIBUTARY**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Skunk Creek</b>								
A	202	131	1,036	6.0	635.9	628.4 <sup>2</sup>	629.4	1.0
B	1,860	504	1,887	3.3	635.9	632.2 <sup>2</sup>	632.6	0.4
C	4,172	585	5,574	1.1	635.9	632.9 <sup>2</sup>	633.3	0.4
D	7,113	660	2,584	2.1	635.9	633.3 <sup>2</sup>	633.9	0.6
E	8,413	385	2,055	2.7	635.9	634.2 <sup>2</sup>	635.2	1.0
F	10,178	292	2,527	2.2	638.8	638.8	639.6	0.8
G	11,810	400	2,286	2.4	639.6	639.6	640.4	0.8
H	13,330	355	2,351	2.4	641.5	641.5	642.5	1.0
I	14,884	122	1,055	5.2	645.1	645.1	645.6	0.5
J	17,215	238	923	2.3	652.2	652.2	653.2	1.0
K	19,260	107	488	4.4	659.7	659.7	659.7	0.0
L	20,616	141	546	3.9	666.8	666.8	667.0	0.2

<sup>1</sup>Feet above confluence with Bird Creek.

<sup>2</sup>Water-surface elevation computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**SKUNK CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Snake Creek</b>								
A <sup>2</sup>	1,151	3,871	46,789	0.7	598.1	598.1	599.1	1.0
B <sup>3</sup>	3,306	6,045	26,776	1.2	598.5	598.5	599.3	0.8
C <sup>3</sup>	4,007	6,508	23,661	1.4	598.7	598.7	599.4	0.7
D <sup>3</sup>	5,393	8,910	39,007	1.5	599.5	599.5	600.0	0.5
E <sup>3</sup>	7,541	11,402	54,413	1.4	599.9	599.9	600.4	0.5
F <sup>3</sup>	9,008	11,593	52,800	2.0	600.3	600.3	600.7	0.4
G <sup>3</sup>	10,852	10,322	71,182	1.6	602.8	602.8	603.4	0.6
H <sup>3</sup>	11,560	9,841	67,637	1.2	602.8	602.8	603.5	0.7
I <sup>3</sup>	12,241	9,908	70,054	0.7	602.9	602.9	603.5	0.6
J	12,951	9,688	69,267	0.7	602.9	602.9	603.5	0.6
K	14,379	8,305	52,466	0.9	602.9	602.9	603.6	0.7
L	15,149	7,636	44,008	1.1	603.0	603.0	603.7	0.7
M	15,816	7,192	39,932	1.2	603.0	603.0	603.7	0.7
N	17,231	6,336	37,302	1.3	603.1	603.1	603.8	0.7
O	17,999	6,290	42,121	1.1	603.2	603.2	603.9	0.7
P	19,453	6,181	41,977	1.1	603.2	603.2	604.0	0.8
Q	20,897	5,580	36,329	1.3	603.3	603.3	604.1	0.8
R	22,295	4,618	33,309	1.4	603.5	603.5	604.3	0.8
S	23,743	4,142	29,824	1.6	603.7	603.7	604.5	0.8
T	25,252	3,607	21,720	2.2	604.1	604.1	604.8	0.7

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>Common cross section with Snake Creek Tributary.

<sup>3</sup>Common floodway with Snake Creek Tributary.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**SNAKE CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Snake Creek (cont)</b>								
U	26,295	3,876	27,020	1.7	604.4	604.4	605.1	0.7
V	27,700	3,400	22,294	2.1	604.7	604.7	605.4	0.7
W	28,500	3,600	34,873	1.5	604.9	604.9	605.5	0.6
X	31,301	4,425	29,551	1.7	605.8	605.8	606.3	0.5
Y <sup>2</sup>	36,224	3,362	17,855	1.2	606.4	606.4	606.8	0.4
Z <sup>2</sup>	36,699	2,563	12,816	1.6	606.5	606.5	606.9	0.4
AA <sup>2</sup>	37,393	2,013	8,279	2.5	606.7	606.7	607.1	0.4
AB <sup>2</sup>	38,152	1,580	6,602	3.2	607.1	607.1	607.5	0.4
AC	38,899	1,656	10,026	2.1	607.7	607.7	608.1	0.4
AD	39,650	2,234	13,252	1.6	608.0	608.0	608.4	0.4
AE	40,400	2,567	14,433	1.5	608.1	608.1	608.6	0.5
AF	41,781	2,735	15,681	1.3	609.9	609.9	609.9	0.0
AG	44,285	2,951	14,249	1.9	610.2	610.2	610.3	0.1
AH	46,514	3,450	14,301	1.9	610.8	610.8	610.9	0.1
AI	48,747	3,950	17,022	1.6	611.5	611.5	611.6	0.1

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>Cross sections not shown on FIRM to maintain consistency with adjacent FIRM from August 3, 2009 effective study.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**SNAKE CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Snake Creek Tributary</b>								
A <sup>2</sup>	1,151	3,871	46,789	0.7	598.1	598.1	599.1	1.0
B <sup>3</sup>	3,306	6,045	26,776	1.2	598.5	598.5	599.3	0.8
C <sup>3</sup>	4,007	6,508	23,661	1.4	598.7	598.7	599.4	0.7
D <sup>3</sup>	5,393	8,910	39,007	1.5	599.5	599.5	600.0	0.5
E <sup>3</sup>	7,541	11,402	54,413	1.4	599.9	599.9	600.4	0.5
F <sup>3</sup>	9,008	11,593	52,800	2.0	600.3	600.3	600.7	0.4
G <sup>3</sup>	10,852	10,322	71,182	1.6	602.8	602.8	603.4	0.6
H <sup>3</sup>	11,560	9,841	67,637	1.2	602.8	602.8	603.5	0.7
I <sup>3</sup>	12,241	9,908	70,054	0.7	602.9	602.9	603.5	0.6
J - R <sup>4</sup>								

<sup>1</sup>Feet above confluence with Arkansas River.

<sup>2</sup>Common cross section with Snake Creek.

<sup>3</sup>Common floodway with Snake Creek.

<sup>4</sup>No Floodway Data Available.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**SNAKE CREEK TRIBUTARY**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>South Fork Horse Creek</b>								
A	2,423	70	338	5.3	633.8	631.0 <sup>2</sup>	631.7	0.7
B	2,953	160	557	2.8	633.8	633.1 <sup>2</sup>	633.6	0.5
C	3,428	194	1,032	1.5	635.7	635.7	636.7	1.0
D	4,358	150	446	3.3	639.0	639.0	639.8	0.8

<sup>1</sup>Feet above confluence with Bird Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**SOUTH FORK HORSE CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>South Fork Joe Creek</b>								
A	348	57	328	7.4	653.9	648.2 <sup>2</sup>	648.2	0.0
B	1,056	73	309	7.8	653.9	652.4 <sup>2</sup>	652.4	0.0
C	1,611	75	313	7.7	655.6	655.6	655.6	0.0
D – G <sup>3</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	5,433	29	179	8.5	682.5	682.5	682.5	0.0
I	6,678	30	138	9.8	691.5	691.5	691.5	0.0
J	6,804	29	175	7.7	694.3	694.3	694.3	0.0
K	7,264	37	212	6.1	701.6	701.6	701.6	0.0
L	7,852	57	220	5.8	706.5	706.5	706.5	0.0
M	8,114	31	178	7.2	707.7	707.7	707.7	0.0

<sup>1</sup>Feet above confluence with Joe Creek

<sup>2</sup>Water surface elevations computed without consideration of backwater from Joe Creek.

<sup>3</sup>1% Annual chance discharges contained in the storm drain.

<b>TABLE 8</b>	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>
	<b>TULSA COUNTY, OK</b> AND UNINCORPORATED AREAS	



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>South Fork Little Joe Creek</b>								
A	1,834	73	218	9.4	698.2	698.2	699.1	0.9
B	1,975	53	292	7.0	701.8	701.8	702.6	0.8
C	2,531	202	871	2.2	713.8	713.8	714.6	0.8
D	3,778	153	230	6.8	721.6	721.6	722.0	0.4
E	4,314	143	549	2.7	726.0	726.0	727.0	1.0

<sup>1</sup> Feet above confluence with Little Joe Creek

<b>TABLE 8</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>TULSA COUNTY, OK</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>SOUTH FORK LITTLE JOE CREEK</b>

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Southpark Creek</b>								
A	332	186	969	1.7	655.0	655.0	655.0	0.0
B	1,107	159	699	2.3	656.9	656.9	657.0	0.1
C	1,600	358	2,173	0.7	657.0	657.0	657.1	0.1
D	2,655	76	327	5.3	658.8	658.8	658.8	0.0
E	2,910	89	328	5.3	659.1	659.1	659.1	0.0
F	4,260	39	223	7.8	662.8	662.8	662.8	0.0
G	4,480	202	851	1.6	666.3	666.3	666.4	0.1
H	5,400	85	156	7.7	667.7	667.7	668.2	0.5
I	7,760	90	243	5.0	676.8	676.8	677.3	0.5
J	8,500	64	202	4.8	679.9	679.9	679.9	0.0
K	10,000	52	128	7.6	684.4	684.4	684.5	0.1

<sup>1</sup>Feet above confluence with Mingo Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**SOUTHPARK CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Spunky Creek</b>								
L <sup>2</sup>	61,327	643	2,052	2.4	654.2	654.2	654.4	0.2
M <sup>2</sup>	62,325	441	2,438	2.3	657.8	657.8	657.8	0.0
A	62,761	1,210	2,380	1.6	660.3	660.3	660.4	0.1
B	63,918	455	1,352	3.1	661.8	661.8	661.9	0.1
C	66,386	344	1,292	2.6	667.6	667.6	668.5	0.9

<sup>1</sup> Feet above confluence with Verdigris River.

<sup>2</sup> Flooding effects in Tulsa County (stream centerline within Wagoner County)

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**SPUNKY CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>SPUNKY CREEK TRIBUTARY A</b>								
A	8,450	110	657	2.8	635.6	635.6	636.3	0.7
B	9,010	78	225	7.7	636.8	636.8	637.2	0.4
C	10,367	105	449	3.8	646.5	646.5	647.5	1.0
D	11,867	108	443	3.8	652.8	652.8	652.9	0.1
E	13,430	70	353	4.8	659.1	659.1	659.9	0.8

<sup>1</sup> Feet above the confluence with Spunky Creek

**TABLE  
8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**SPUNKY CREEK TRIBUTARY A**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>SPUNKY CREEK TRIBUTARY B</b>								
A	1,638	440	4,382	1.7	631.6	631.6	632.2	0.6
B	3,555	481	3,195	2.1	631.9	631.9	632.7	0.8
C	4,330	353	1,517	4.3	633.1	633.1	633.9	0.8
D	7,521	197	873	5.1	641.1	641.1	642.1	1.0
E	10,286	195	1,333	3.2	660.1	660.1	660.8	0.7
F	11,329	122	433	8.2	662.8	662.8	663.2	0.4
G	12,619	95	550	5.4	669.6	669.6	670.5	0.9

<sup>1</sup> Feet above the confluence with Spunky Creek

**TABLE  
8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**SPUNKY CREEK TRIBUTARY B**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>SPUNKY CREEK TRIBUTARY B-1</b>								
A	1,532	140	744	2.9	637.4	637.4	638.1	0.7
B	2,762	152	506	4.3	642.0	642.0	642.2	0.2
C	5,830	162	579	3.6	652.1	652.1	652.8	0.7
D	6,641	159	466	4.5	654.7	654.7	655.3	0.6
E	8,236	46	226	9.3	667.9	667.9	668.4	0.5
F	8,902	112	296	4.7	673.5	673.5	673.7	0.2

<sup>1</sup> Feet above the confluence with Spunky Tributary B

<b>TABLE 8</b>	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>
	<b>TULSA COUNTY, OK AND INCORPORATED AREAS</b>	<b>SPUNKY CREEK TRIBUTARY B-1</b>

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Sugar Creek</b>								
A	802	54	553	4.3	647.9	646.2 <sup>2</sup>	647.0	0.8
B	1,037	50	565	4.2	647.9	647.2 <sup>2</sup>	647.8	0.6
C	3,523	55	361	6.6	657.8	657.8	658.2	0.4
D	5,233	67	292	4.6	662.4	662.4	662.9	0.5
E	9,098	70	347	4.6	679.6	679.6	679.6	0.0
F	9,552	93	216	7.4	679.7	679.7	679.9	0.2
G	11,125	45	169	9.4	686.8	686.8	686.9	0.1

<sup>1</sup>Feet above confluence with Mingo Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**SUGAR CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Tributary to Brookhollow Creek Tributary								
A	400	50	167	5.5	694.7	694.7	695.3	0.6
B	1,000	50	201	4.6	698.4	698.4	698.6	0.2
C	1,550	43	168	5.5	702.6	702.6	702.7	0.1
D	2,100	525	1,609	0.7	706.6	706.6	706.6	0.0
E	2,800	31	108	10.6	709.2	709.2	709.2	0.0
F	3,500	31	108	10.6	713.2	713.2	713.2	0.0
G	4,000	30	106	10.8	716.2	716.2	716.2	0.0
H	4,500	28	82	9.1	718.6	718.6	718.8	0.2

<sup>1</sup>Feet above confluence with Brookhollow Creek Tributary.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**TRIBUTARY TO BROOKHOLLOW CREEK TRIBUTARY**



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Tupelo Creek</b>								
A	1,825	65	364	9.3	621.3	621.3	621.3	0.0
B	2,825	194	1,125	3.1	625.7	625.7	625.8	0.1
C	4,750	204	1,004	2.9	637.3	637.3	638.3	1.0
D	6,441	131	889	3.3	641.3	641.3	642.2	0.9
E	7,598	79	473	4.6	645.4	645.4	645.9	0.5
F	9,883	62	190	8.5	649.1	649.1	649.1	0.0
G	10,866	49	267	10.4	656.4	656.4	656.4	0.0
H	12,827	190	1,007	2.5	668.5	668.5	669.3	0.8

<sup>1</sup>Feet above confluence with Mingo Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**TUPELO CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Tupelo Creek Tributary A</b>								
A	1,150	13	52	10.7	654.7	654.7	655.4	0.7
B	1,505	36	77	8.3	661.7	661.7	661.7	0.0
C	1,803	50	128	5.0	664.5	664.5	664.9	0.4
D	2,186	70	151	3.5	667.9	667.9	668.5	0.6
E	2,394	120	378	1.1	668.6	668.6	669.3	0.7
F	4,515	55	185	7.7	686.7	686.7	686.8	0.1
G	5,115	73	218	6.5	689.2	689.2	689.9	0.7

<sup>1</sup>Feet above confluence with Tupelo Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**TUPELO CREEK TRIBUTARY A**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Tupelo Creek Tributary C</b>								
A	650	30	135	3.6	641.8	641.8	642.7	0.9
B	1,225	198	1,560	0.6	647.2	647.2	647.2	0.0
C	2,267	21	80	7.9	657.3	657.3	657.4	0.1
D	3,780	36	109	5.8	674.1	674.1	674.5	0.4
E	5,674	63	109	4.1	689.1	689.1	689.7	0.6
F	6,351	45	65	6.9	693.3	693.3	693.3	0.0

<sup>1</sup>Feet above confluence with Tupelo Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**TUPELO CREEK TRIBUTARY C**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Turtle Creek</b>								
A	500	53	273	5.5	664.8	662.4 <sup>2</sup>	663.4	1.0
B	1,000	50	213	7.0	664.8	664.8	664.9	0.1
C	1,500	40	183	8.2	667.2	667.2	667.2	0.0
D	2,000	43	193	7.8	669.9	669.9	670.0	0.1
E	3,000	40	194	6.3	676.3	676.3	676.3	0.0
F	4,000	43	248	4.9	684.7	684.7	684.9	0.2
G	4,500	41	189	6.4	685.4	685.4	685.7	0.3
H	5,000	44	161	7.5	687.2	687.2	687.3	0.1
I	5,500	38	100	7.3	691.4	691.4	691.8	0.4
J	6,500	27	90	8.1	699.2	699.2	699.3	0.1
K	7,000	38	131	5.5	702.1	702.1	702.3	0.2
L	7,445	31	109	6.7	704.5	704.5	704.7	0.2

<sup>1</sup>Feet above confluence with Middle Branch Haikey Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**TURTLE CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Unnamed Tributary 1 to West Branch Broken Arrow Creek								
A	128	112	772	2.3	655.2	655.2	656.2	1.0
B	334	61	426	4.1	655.2	655.2	656.2	1.0
C	562	42	295	5.9	655.4	655.4	656.3	0.9
D	1,010	35	243	7.2	656.7	656.7	657.5	0.8
E	1,329	26	187	9.3	658.0	658.0	658.8	0.8
F	1,839	30	216	8.1	661.3	661.3	662.2	0.9
G	2,234	29	197	8.9	663.6	663.6	664.0	0.4

<sup>1</sup> Feet above confluence with West Branch Broken Arrow Creek

<b>TABLE 8</b>	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>
	<b>TULSA COUNTY, OK AND INCORPORATED AREAS</b>	

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Unnamed Tributary 2 to West Branch Broken Arrow Creek								
A	422	165	1,042	0.6	667.2	667.2	668.0	0.8
B	665	65	408	1.4	667.2	667.2	668.0	0.8
C	961	21	60	9.6	667.3	667.3	668.0	0.7
D	1,277	29	124	4.6	670.3	670.3	671.1	0.8
E	1,624	49	111	5.2	672.2	672.2	672.7	0.5
F	1,882	21	69	8.3	674.7	674.7	675.3	0.6
G	2,289	20	91	6.3	678.5	678.5	679.2	0.7
H	2,582	17	66	8.6	680.7	680.7	681.3	0.6
I	2,832	38	80	7.2	684.9	684.9	684.9	0.0
J	2,871	38	216	2.7	688.2	688.2	689.2	1.0
K	3,002	45	173	3.3	688.4	688.4	689.3	0.9
L	3,051	34	70	8.2	689.7	689.7	689.7	0.0
M	3,214	324	2,125	0.4	699.2	699.2	700.1	0.9
N	4,058	47	244	1.1	699.3	699.3	700.3	1.0
O	4,156	66	47	4.9	701.5	701.5	701.6	0.1
P	4,423	529	2,460	0.2	712.5	712.5	713.3	0.8
Q	5,146	60	47	4.9	713.5	713.5	713.5	0.0

<sup>1</sup> Feet above confluence with West Branch Broken Arrow Creek

<b>TABLE 8</b>	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>
	<b>TULSA COUNTY, OK AND INCORPORATED AREAS</b>	<b>UNNAMED TRIBUTARY 2 TO WEST BRANCH BROKEN ARROW CREEK</b>

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Unnamed Tributary 3 to West Branch Broken Arrow Creek								
A	26	67	407	1.7	677.4	677.4	678.4	1.0
B	188	47	249	2.7	677.5	677.5	678.4	0.9
C	395	28	73	9.2	678.4	678.4	678.9	0.5
D	587	196	755	0.9	683.2	683.2	683.7	0.5
E	1,086	104	355	1.9	683.3	683.3	683.7	0.4
F	1,419	36	82	8.2	685.4	685.4	686.2	0.8
G	1,649	36	131	5.1	688.1	688.1	688.8	0.7

<sup>1</sup> Feet above confluence with West Branch Broken Arrow Creek

**TABLE  
8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**

**AND INCORPORATED AREAS**

**FLOODWAY DATA**

**UNNAMED TRIBUTARY 3 TO WEST BRANCH BROKEN ARROW CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Unnamed Tributary 4 to West Branch Broken Arrow Creek								
A	141	128	447	1.3	691.9	691.9	692.5	0.6
B	290	62	178	3.3	691.9	691.9	692.7	0.8
C	937	55	274	2.2	699.2	699.2	699.9	0.7
D	1,161	71	212	3.6	699.2	699.2	700.0	0.8
E	1,189	71	184	4.1	700.1	700.1	700.8	0.7
F	1,316	36	125	6.0	700.9	700.9	701.2	0.3
G	1,596	47	133	4.0	701.9	701.9	702.7	0.8
H	2,060	38	86	6.2	708.7	708.7	708.7	0.0
J	2,115	61	181	2.9	709.2	709.2	710.1	0.9
K	2,683	86	136	3.9	711.5	711.5	711.9	0.4
L	3,061	52	83	6.4	715.0	715.0	715.3	0.3
M	3,363	38	81	6.6	719.6	719.6	719.7	0.1

<sup>1</sup> Feet above confluence with West Branch Broken Arrow Creek

<b>TABLE 8</b>	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>
	<b>TULSA COUNTY, OK AND INCORPORATED AREAS</b>	<b>UNNAMED TRIBUTARY 4 TO WEST BRANCH BROKEN ARROW CREEK</b>



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Valley View Creek</b>								
A	425	81	592	6.3	622.4	622.4	623.1	0.7
B	1,400	73	424	8.8	622.8	622.8	622.9	0.1
C	2,671	115	742	5.0	627.9	627.9	627.9	0.0
D	3,742	63	407	9.2	631.6	631.6	631.6	0.0
E	4,499	56	584	6.4	641.4	641.4	641.8	0.4
F	5,101	48	531	7.0	645.8	645.8	645.8	0.0
G	5,826	48	399	8.7	646.0	646.0	646.0	0.0
H	6,560	39	204	12.6	646.3	646.3	646.3	0.0
I	7,861	35	193	13.4	657.4	657.4	657.4	0.0
J	8,151	38	198	13.0	658.9	658.9	658.9	0.0
K	8,868	38	198	13.0	664.8	664.8	664.8	0.0
L	9,143	38	198	13.0	666.8	666.8	666.8	0.0

<sup>1</sup>Feet above confluence with Flat Rock Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**VALLEY VIEW CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Vensel Creek</b>								
A	3,050	60	260	18.8	628.1	628.1	628.1	0.0
B	3,600	61	266	18.4	630.2	630.2	630.2	0.0
C	4,200	59	333	13.4	634.6	634.6	634.6	0.0
D	4,600	175	553	7.3	636.8	636.8	636.8	0.0
E	5,172	88	795	6.0	641.2	641.2	641.2	0.0
F	5,800	210	899	4.1	647.3	647.3	647.4	0.1
G	6,465	297	666	5.6	651.5	651.5	651.5	0.0
H	7,600	316	740	4.3	656.1	656.1	656.1	0.0
I	9,200	45	337	8.2	665.6	665.6	665.6	0.0
J	10,610	61	364	5.6	673.2	673.2	673.2	0.0
K	11,400	61	300	6.8	678.1	678.1	678.1	0.0
L	11,920	118	45	3.5	690.4	690.4	690.4	0.0

<sup>1</sup>Feet above confluence with Arkansas River.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**VENSEL CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Vensel Creek South</b>								
A	710	54	420	6.8	611.4	609.6 <sup>2</sup>	610.1	0.5
B	1,890	119	738	4.1	614.0	614.0	614.2	0.2
C	3,300	315	1,820	1.7	615.2	615.2	616.2	1.0
D	6,700	75	220	0.3	616.4	616.4	617.4	1.0

<sup>1</sup> Feet above confluence with the Arkansas River

<sup>2</sup> Elevation computed without consideration of backwater from Arkansas River.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**VENSEL CREEK SOUTH**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Vensel Creek Tributary D</b>								
A	100	25	65	14.0	634.6	631.4 <sup>2</sup>	631.4	0.0
B	1,600	22	50	18.2	643.6	643.6	643.6	0.0

<sup>1</sup>Feet above confluence with Vensel Creek.

<sup>2</sup>Water-surface elevations computed with consideration of backwater effects from Vensel Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**VENSEL CREEK TRIBUTARY D**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Vensel Creek Tributary H</b>								
A	650	85	738	7.2	616.2	616.2	616.2	0.0
B	1,650	91	493	6.4	617.8	617.8	617.8	0.0

<sup>1</sup>Feet above confluence with Vensel Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**VENSEL CREEK TRIBUTARY H**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
West Branch Broken Arrow Creek								
A	2,570	139	909	5.5	603.5	603.5	604.0	0.5
B	4,632	303	1,953	2.5	606.5	606.5	607.3	0.8
C	6,453	221	916	5.4	608.7	608.7	609.3	0.6
D	8,825	143	863	5.7	613.2	613.2	613.9	0.7
E	10,626	228	983	5.1	617.6	617.6	618.2	0.6
F	10,687	228	1,694	3.0	620.4	620.4	621.0	0.6
G	11,565	156	1,037	4.8	620.8	620.8	621.7	0.9
H	12,342	146	883	5.7	622.0	622.0	622.9	0.9
I	12,680	169	932	5.4	624.5	624.5	624.5	0.0
J	13,459	193	1,247	4.0	627.9	627.9	628.0	0.1
K	13,546	183	1,068	4.7	627.8	627.8	628.7	0.9
L	15,454	204	995	5.1	635.3	635.3	635.3	0.0
M	16,877	142	539	9.1	636.9	636.9	637.3	0.4
N	16,908	142	981	5.0	639.4	639.4	640.3	0.9
O	17,037	194	1,070	4.6	639.9	639.9	640.6	0.7
P	17,066	194	1,248	3.9	640.5	640.5	641.5	1.0
Q	17,896	114	852	5.8	641.1	641.1	642.1	1.0
R	17,950	117	928	5.3	642.1	642.1	643.0	0.9
S	19,893	210	1,273	3.9	644.9	644.9	645.7	0.8
T	22,322	150	770	6.1	649.1	649.1	649.7	0.6
U	22,387	150	895	5.3	649.7	649.7	650.4	0.7

<sup>1</sup> Feet above confluence with Broken Arrow Creek

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**WEST BRANCH BROKEN ARROW CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
West Branch Broken Arrow Creek								
V	23,295	198	960	4.6	653.1	653.1	653.8	0.7
W	24,644	169	999	4.0	655.0	655.0	655.9	0.9
X	26,841	82	728	5.4	662.2	662.2	662.3	0.1
Y	27,817	72	572	6.6	663.4	663.4	663.8	0.4
Z	27,923	72	765	4.9	666.6	666.6	667.1	0.5
AA	29,021	80	557	4.2	667.1	667.1	667.9	0.8
AB	30,030	65	462	5.1	669.8	669.8	670.5	0.7
AC	31,323	51	352	6.6	673.8	673.8	674.7	0.9
AD	32,289	71	417	4.3	677.0	677.0	677.9	0.9
AE	34,788	64	389	4.6	684.5	684.5	685.1	0.6
AF	35,959	78	452	3.9	687.3	687.3	687.6	0.3
AG	36,867	116	428	4.2	691.6	691.6	692.0	0.4
AH	37,038	73	236	5.1	692.0	692.0	692.4	0.4
AI	37,268	67	242	5.0	694.2	694.2	694.6	0.4
AJ	37,567	129	445	2.7	697.4	697.4	697.9	0.5
AK	38,433	44	152	6.8	704.3	704.3	704.3	0.0
AL	39,145	37	112	9.3	708.8	708.8	709.5	0.7

<sup>1</sup> Feet above confluence with Broken Arrow Creek

**TABLE  
8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**WEST BRANCH BROKEN ARROW CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>West Branch Haikey Creek</b>								
A	463	116	685	6.2	662.5	657.8 <sup>2</sup>	658.8	1.0
B	1,351	83	645	6.6	664.5	664.5	664.5	0.0
C	2,470	106	809	3.0	668.0	668.0	668.3	0.3
D	3,393	89	574	4.2	668.7	668.7	669.1	0.4
E	4,500	88	468	5.2	670.5	670.5	670.8	0.3
F	5,000	215	1,949	1.2	674.4	674.4	675.3	0.9
G	5,975	115	727	3.1	674.8	674.8	675.6	0.8
H	7,034	140	857	2.6	676.6	676.6	677.0	0.4
I	7,975	92	515	4.4	677.9	677.9	678.3	0.4
J	9,047	97	657	2.8	680.2	680.2	680.4	0.2
K	10,175	125	899	2.1	691.6	691.6	691.9	0.3
L	11,062	104	748	2.5	691.8	691.8	692.3	0.5
M	12,000	99	537	3.4	692.3	692.3	692.8	0.5
N	13,402	57	303	6.1	694.7	694.7	695.2	0.5

<sup>1</sup>Feet above confluence with Haikey Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**WEST BRANCH HAIKEY CREEK**



FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>West Branch Haikey Creek Tributary</b>								
A	572	65	464	3.3	666.9	665.0 <sup>2</sup>	666.0	1.0
B	1,437	55	353	4.3	668.2	668.2	668.4	0.2
C	2,527	85	458	3.3	672.2	672.2	672.7	0.5
D	3,763	70	456	3.3	673.8	673.8	674.6	0.8

<sup>1</sup>Feet above confluence with West Branch Haikey Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**WEST BRANCH HAIKEY CREEK TRIBUTARY**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>West Branch Joe Creek</b>								
A	71	190	720	10.6	660.9	660.9	661.1	0.2
B	640	121	631	0.6	664.6	665.0 <sup>2</sup>	665.7	0.7
C	1,810	55	108	2.2	665.1	665.3 <sup>2</sup>	666.0	0.7
D	2,796	79	60	3.7	669.7	669.7	670.6	0.9
E	3,929	73	277	1.6	678.7	678.7	679.3	0.6
F	4,880	116	500	1.4	683.4	683.4	684.4	1.0
G	5,524	45	563	1.7	687.5	687.5	688.3	0.8
H	7,314	90	500	1.2	697.8	697.8	698.7	0.9
I	8,792	73	338	2.2	707.2	707.2	707.7	0.5
J	9,908	80	329	2.3	711.5	711.5	712.2	0.7
K	10,649	161	789	0.8	717.0	717.0	717.9	0.9
L	11,178	56	270	2.2	720.1	720.1	720.9	0.8
M	11,808	114	332	0.7	722.6	722.6	723.3	0.7

<sup>1</sup>Feet above confluence with Joe Creek.

<sup>2</sup>Elevation computed without consideration of backwater.

<b>TABLE 8</b>	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>
	<b>TULSA COUNTY, OK</b> AND UNINCORPORATED AREAS	

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>White Church Creek</b>								
A	121	72	450	6.4	605.1	594.0 <sup>2</sup>	595.0	1.0
B	1,189	163	870	3.3	605.1	602.3 <sup>2</sup>	603.3	1.0
C	2,115	273	626	4.6	605.4	605.4	606.4	1.0
D	2,836	199	631	4.6	609.2	609.2	610.1	0.9
E	3,820	58	333	6.7	613.5	613.5	614.1	0.6
F	4,724	103	472	4.7	617.6	617.6	618.5	0.9
G	5,448	188	604	3.7	619.0	619.0	620.0	1.0
H	6,079	43	191	8.6	620.3	620.3	620.8	0.5
I	6,850	56	359	4.6	624.5	624.5	625.5	1.0
J	7,278	140	831	2.0	629.0	629.0	629.9	0.9
K	7,989	164	859	1.9	630.6	630.6	631.6	1.0
L	8,410	105	429	3.8	631.7	631.7	632.4	0.7
M	9,123	45	342	4.8	636.2	636.2	636.6	0.4
N	9,698	129	600	2.3	636.4	636.4	637.4	1.0
O	10,565	48	318	4.4	638.9	638.9	639.7	0.8
P	11,242	55	377	3.7	644.0	644.0	644.8	0.8
Q	11,850	42	217	6.4	644.6	644.6	645.2	0.6
R	12,581	60	316	4.4	647.7	647.7	648.6	0.9
S	13,600	59	248	5.6	652.2	652.2	652.9	0.7
T	14,107	65	269	5.2	654.8	654.8	655.6	0.8

<sup>1</sup>Feet above confluence with Haikey Creek.

<sup>2</sup>Water-surface elevations computed without consideration of backwater effects.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**TULSA COUNTY, OK**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**WHITE CHURCH CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
White Church Creek (cont)								
U	14,444	116	378	3.7	656.4	656.4	657.4	1.0
V	15,025	108	793	1.8	665.2	665.2	665.9	0.7
W	15,638	121	1,213	1.2	665.2	665.2	666.0	0.8
X	16,217	115	539	2.6	665.4	665.4	666.2	0.8
Y	17,552	244	438	2.6	668.0	668.0	668.2	0.2
Z	18,932	170	1,101	1.1	675.7	675.7	675.7	0.0
AA	19,701	212	899	1.3	675.7	675.7	675.8	0.1
AB	20,996	163	260	4.4	678.9	678.9	678.9	0.0
AC	21,300	115	338	3.0	679.5	679.5	680.0	0.5
AD	21,390	110	436	2.3	680.9	680.9	681.4	0.5

<sup>1</sup>Feet above confluence with Haikey Creek.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**WHITE CHURCH CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
<b>Wilmott Creek</b>								
A	2,075	73	321	1.4	612.3	612.3	613.3	1.0
B	2,900	45	160	2.2	612.9	612.9	613.5	0.6
C	4,090	50	201	1.1	613.4	613.4	614.1	0.7
D	4,870	45	176	1.3	613.6	613.6	614.2	0.6
E	5,730	58	251	0.2	613.6	613.6	614.3	0.7

<sup>1</sup>Feet upstream of Jenks Levee.

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TULSA COUNTY, OK**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**WILMOTT CREEK**