

FLOODING SOURCE	CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			
						REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
102 RIVER	A	16,240	2,262	19,371	3.3	854.1	854.1	855.1	1.0
	B	24,485	2,095	15,800	4.4	859.4	859.4	860.1	0.7

¹ Feet above confluence with Platte River

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA

102 RIVER

FLOODING SOURCE	CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)
						REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	
BEE CREEK	A	6,600	85	1,088	6.1	889.8	889.8	890.3	0.5
	B	13,115	94	1,314	5.0	899.4	899.4	899.4	0.0
	C	20,815	78	936	6.2	908.5	908.5	908.8	0.3
	D	21,415	76	870	6.7	909.6	909.6	909.9	0.3
	E	24,185	113	1,336	4.3	914.8	914.8	914.9	0.1
	F	33,185	86	970	4.7	928.9	928.9	929.0	0.1
	G	39,190	94	937	4.7	938.0	938.0	938.1	0.1

Feet above County Boundary

TABLE 9
 FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA
BEE CREEK

FLOODING SOURCE	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)	
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)		
BLACKSNAKE CREEK	A	0.187	120	471	11.3	845.0	845.0	846.0	1.0
	B	0.774	252	1,353	3.9	857.1	857.1	858.1	1.0
	C	1.081	177	807	6.6	861.6	861.6	862.5	0.9
	D	1.621	80	542	10.0	872.5	872.5	873.1	0.6
	E	3.029	248	1,208	7.0	907.2	907.2	907.9	0.7
	F	3.491	180	1,261	7.0	918.7	918.7	919.3	0.6
	G	4.052	65	768	8.0	932.7	932.7	933.5	0.8
	H	4.230	140	906	8.9	939.0	939.0	939.6	0.6

¹Miles above confluence with Missouri River

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

BUCHANAN COUNTY, MO
AND INCORPORATED AREAS

FLOODWAY DATA

BLACKSNAKE CREEK

FLOODING SOURCE	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	
BROWN'S BRANCH	A	2.097	40	11.3	863.9	863.9	864.9	1.0
	B	2.214	40	11.3	870.6	870.6	871.4	0.8

¹Miles above confluence with Missouri River

TABLE 9
 FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA
BROWN'S BRANCH

FLOODING SOURCE	CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			
						REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
CASTILE CREEK	A	3,650	443	6,214	3.9	821.4	820.4 ²	821.4	1.0
	B	15,000	1,387	15,295	1.0	821.7	821.7	822.7	1.0
	C	25,800	1,373	10,232	1.6	823.6	823.6	824.6	1.0
	D	32,100	519	4,381	4.6	830.6	830.6	831.5	0.9

¹ Feet above confluence with Platte River

² Elevation computed without considering backwater effect from Platte River

TABLE 9
FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
AND INCORPORATED AREAS

FLOODWAY DATA
CASTILE CREEK

FLOODING SOURCE	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)	
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)		
CHARLES STREET DRAINAGE COURSE	A	0.641	70	316	9.3	869.3	869.3	870.2	0.9
	B	0.976	77	359	8.1	894.4	894.4	895.4	1.0
	C	1.417	40	136	7.4	918.0	918.0	918.9	0.9
	D	1.869	65	220	4.5	959.0	959.0	959.9	0.9

¹Miles above confluence with Missouri River

TABLE 9
 FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA
CHARLES STREET DRAINAGE COURSE

FLOODING SOURCE	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	
CONTRARY CREEK	A	26,290	1,445	12.0	831.6	831.6	832.2	0.6
	B	32,830	1,274	12.2	839.9	839.9	840.4	0.5
	C	36,945	991	13.1	848.6	848.6	849.4	0.8

¹Feet above confluence with Missouri River

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA
CONTRARY CREEK

FLOODING SOURCE	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	
CORBY PARKWAY DRAINAGE COURSE	A	0.20	147	10.7	865.1	865.1	865.7	0.6
	B	0.34	146	10.4	870.4	870.4	871.1	0.7
	C	0.63	37	9.4	879.4	879.4	880.1	0.7

¹Miles above confluence with Blacksnake Creek

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA

CORBY PARKWAY DRAINAGE COURSE

CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)	
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)		
JENKINS BRANCH	A	3,985	331	1,591	3.0	832.1	832.1	833.0	0.9
	B	15,035	64	534	5.3	887.0	887.0	888.0	1.0
	C	16,480	266	1,463	2.9	895.2	895.2	895.7	0.5
	D	19,615	99/45 ²	565	5.9	907.1	907.1	908.1	1.0

¹ Feet above confluence with Castile Creek
² Total width/width within county boundary

TABLE 9
 FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS
FLOODWAY DATA
JENKINS BRANCH

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
LITTLE THIRD FORK PLATTE RIVER								
A	11,800	1,404	6,849	2.1	864.2	864.2	865.2	1.0

¹Feet above confluence with Third Fork Platte River

TABLE 9
 FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA
LITTLE THIRD FORK PLATTE RIVER

FLOODING SOURCE	FLOODWAY	BASE FLOOD WATER SURFACE ELEVATION							
		REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)				
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)					
MISSOURI RIVER	A	420.75	15,205/14,761 ²	153,018	1.7	791.6	791.6	792.6	1.0
	B	422.44	14,196/13,925 ²	116,547	2.3	792.3	792.3	793.3	1.0
	C	423.20	12,328/11,989 ²	113,962	2.3	792.7	792.7	793.7	1.0
	D	426.48	7,077/4,640 ²	75,511	3.5	794.7	794.7	795.6	0.9
	E	427.92	3,015/1,220 ²	38,430	6.8	795.5	795.5	796.2	0.7
	F	430.04	3,620/2,360 ²	50,315	5.2	797.7	797.7	798.3	0.6
	G	432.01	2,376/2,074 ²	36,703	7.1	799.8	799.8	800.2	0.4
	H	433.80	3,903/3,029 ²	47,724	5.5	802.3	802.3	802.5	0.2
	I	436.46	3,281/2,252 ²	51,515	5.1	806.7	806.7	807.2	0.5
	J	437.88	3,851/1,218 ²	56,422	4.6	808.4	808.4	808.9	0.5
	K	439.96	3,110/2,682 ²	50,062	5.2	810.9	810.9	811.3	0.4
	L	441.42	3,433/2,884 ²	56,781	4.6	812.8	812.8	813.1	0.3
	M	444.86	3,041/774 ²	60,390	4.3	816.3	816.3	816.6	0.3
	N	446.83	2,807/597 ²	50,331	5.2	818.3	818.3	818.5	0.2
	O	447.91	1,558/595 ²	43,452	6.0	819.6	819.6	819.7	0.1
	P	448.49	1,582/522 ²	42,015	6.2	820.5	820.5	820.6	0.1
	Q	449.99	2,506/765 ²	49,233	5.3	822.0	822.0	822.1	0.1
	R	451.41	2,162	41,009	6.3	823.2	823.2	823.3	0.1
	S	452.80	2,836	50,635	5.1	824.6	824.6	824.8	0.2

¹Miles above confluence with the Mississippi River
²Total width/width within county boundary

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA
 MISSOURI RIVER

FLOODING SOURCE	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)	
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)		
MITCHELL AVENUE DRAINAGE COURSE	A	0.000	651	9.4	849.1	849.1	850.1	1.0	
	B	0.309	1,703	3.6	862.3	862.3	863.3	1.0	
	C	0.725	1,332	4.6	869.5	869.5	870.5	1.0	
	D	1.247	936	6.5	884.4	884.4	885.2	0.8	
	E	1.722	220	1,213	4.6	901.9	901.9	902.9	1.0
	F	2.368	60	388	14.7	917.1	917.1	917.9	0.8

¹Miles above 13th Street

TABLE 9
FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
AND INCORPORATED AREAS

FLOODWAY DATA

MITCHELL AVENUE DRAINAGE COURSE

CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)	
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)		
NORTH TRIBUTARY TO BLACKSNAKE CREEK	A	0.159	136	907	3.9	924.9	924.9	925.7	0.8
	B	0.482	65	167	5.8	932.7	932.7	932.8	0.1
	C	0.743	65	473	5.7	943.0	943.0	943.3	0.3
	D	0.906	30	334	6.3	952.0	952.0	952.7	0.7

¹Miles above confluence with Blacksnake Creek

TABLE 9
FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
AND INCORPORATED AREAS

FLOODWAY DATA
NORTH TRIBUTARY TO BLACKSNAKE CREEK

CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)	
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)		
NORTH TRIBUTARY TO BROWN'S BRANCH	A	0.152	25	50	8.1	891.8	891.8	892.5	0.7
	B	0.312	70	1,789	0.6	907.7	907.7	908.7	1.0

¹ Miles above confluence with Brown's Branch

TABLE 9
FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
AND INCORPORATED AREAS

FLOODWAY DATA
NORTH TRIBUTARY TO BROWN'S BRANCH

FLOODING SOURCE	DISTANCE ¹	WIDTH (FEET)	FLOODWAY		BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)	
			SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)		
NORTH TRIBUTARY TO WHITEHEAD CREEK	A	0.377	80	1,025	4.3	865.1	865.1	866.1	1.0
	B	0.897	130	858	5.4	870.0	870.0	870.6	0.6
	C	1.454	65	585	7.3	883.8	883.8	884.5	0.7
	D	1.789	135	618	7.6	890.1	890.1	890.7	0.6

¹Miles above confluence with Whitehead Creek

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA

NORTH TRIBUTARY TO WHITEHEAD CREEK

FLOODING SOURCE	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			INCREASE (FEET)
					REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	
PIGEON CREEK	A	139	1,047	5.4	855.2	855.2	856.2	1.0
	B	21,400	750	6.2	882.7	882.7	883.6	0.9

¹Feet above confluence with Platte River

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA
PIGEON CREEK

FLOODING SOURCE	CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION		
				SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
PLATTE RIVER	A	277,253	2,684	37,328	2.2	820.6	820.6	821.6	1.0
	B	282,753	2,106	25,447	3.0	821.7	821.7	822.7	1.0
	C	301,453	742	12,052	6.3	829.8	829.8	830.8	1.0
	D	328,803	1,350	23,704	3.8	836.0	836.0	836.8	0.8
	E	345,353	4,212	57,955	1.6	838.7	838.7	839.5	0.8
	F	363,853	812	12,090	8.0	844.0	844.0	844.9	0.9
	G	374,953	5,014	66,506	1.5	845.4	845.4	846.4	1.0
	H	378,203	4,289	77,853	1.4	845.8	845.8	846.8	1.0
	I	388,103	6,440	64,783	1.5	848.0	848.0	848.7	0.7
	J	399,698	2,800	25,056	2.8	850.9	850.9	851.9	1.0

¹Feet above confluence with Missouri River

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA
 PLATTE RIVER

FLOODING SOURCE	DISTANCE ¹	WIDTH (FEET)	FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
			SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)	
SOUTH TRIBUTARY TO WHITEHEAD CREEK	A	52	429	4.0	838.7	838.7	839.6	0.9	
	B	43	246	6.9	872.1	872.1	872.1	0.0	
	C	40	292	8.2	892.3	892.3	893.1	0.8	

¹Miles above confluence with Whitehead Creek

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA

SOUTH TRIBUTARY TO WHITEHEAD CREEK

FLOODING SOURCE	CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			
						REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
THIRD FORK PLATTE RIVER	A	19,230	1,747	16,714	1.4	845.3	844.3 ²	845.2	0.9
	B	27,930	2,130	13,724	1.5	845.4	845.4	846.4	1.0
	C	32,730	2,234	11,244	2.7	849.4	849.4	850.2	0.8
	D	40,980	2,371	11,614	2.2	857.9	857.9	858.8	0.9
	E	60,755	935	5,233	3.7	869.3	869.3	870.3	1.0

¹ Feet above confluence with Platte River

² Elevation computed without considering backwater effects from Platte River

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA

THIRD FORK PLATTE RIVER

FLOODING SOURCE	CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	BASE FLOOD WATER SURFACE ELEVATION			
						REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
WHITEHEAD CREEK	A	0.742	325	1,242	4.5	840.5	840.5	841.5	1.0
	B	1.203	170	824	6.8	851.5	851.5	852.4	0.9
	C	1.953	105	1,260	5.0	866.0	866.0	867.0	1.0
	D	2.304	70	868	7.6	872.5	872.5	873.5	1.0
	E	2.768	70	951	6.9	878.6	878.6	879.4	0.8
	F	3.311	95	1,231	5.2	882.7	882.7	883.5	0.8

¹Miles above confluence with Missouri River

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY
BUCHANAN COUNTY, MO
 AND INCORPORATED AREAS

FLOODWAY DATA
 WHITEHEAD CREEK

