

BENTON COUNTY
 BENTON COUNTY EI MATRIX - WATER EROSION 2-24-88
 * = non-cropland map unit

SYM.	NAME	TEXTURE	SLOPE	ACRES	SOILS-5	K FACT	T FACT	LS	PPT. (in.)								
									R FACTOR (MLRA 7,8)								
									6-9	10	11	12	13	14	15		
BbA	BURBANK	LFS	0 2	3940	WA0256	0.24	2	0.6	6-8	0.7	1.0	1.4	1.8	2.2	2.5	2.8	
+BbC	BURBANK	LFS	0 15	12397	WA0256	0.24	2	1.23		1.5	2.1	3.0	3.7	4.4	5.2	5.8	
BbD	BURBANK	LFS	2 15	807	WA0256	0.24	2	1.23		1.5	2.1	3.0	3.7	4.4	5.2	5.8	
+BdE	BURBANK	LFS	0 30	4931	WA1322	0.32	2	3.4		5.4	7.6	10.9	13.6	16.3	19.0	21.2	
+BfE	BURBANK	LFS	0 30	7153	WA1322	0.32	2			0.0	0.0	0.0	0.0	0.0	0.0	0.0	
+BfE	ROCK OUTCROP	UWB	0 30	7153	DC0015					ERRO	ERRO	ERRO	ERRO	ERRO	ERRO	ERRO	
BiA	BURBANK	LFS	0 2	1461	WA0256	0.24	2	0.6		0.7	1.0	1.4	1.8	2.2	2.5	2.8	
BiD	BURBANK	LFS	2 15	555	WA0256	0.24	2	1.23		1.5	2.1	3.0	3.7	4.4	5.2	5.8	
+BkF	ROCK OUTCROP	UWB	30 65	1048	DC0015					ERRO	ERRO	ERRO	ERRO	ERRO	ERRO	ERRO	
+BkF	BURBANK	LFS	30 65	1048	WA1322	0.32	2			0.0	0.0	0.0	0.0	0.0	0.0	0.0	
BmA	BURKE	SIL	0 2	241	WA0306	0.55	2	0.6	6-9	1.7	2.3	3.3	4.1	5.0	5.8	6.4	
BmAB	BURKE	SIL	0 5	7235	WA0306	0.55	2	1.25		3.4	4.8	6.9	8.6	10.3	12.0	13.4	
BmB	BURKE	SIL	2 5	1296	WA0306	0.55	2	1.25		3.4	4.8	6.9	8.6	10.3	12.0	13.4	
BmC	BURKE	SIL	5 8	784	WA0306	0.55	2	1.8		5.0	6.9	9.9	12.4	14.9	17.3	19.3	
+BmE3	BURKE	SIL	15 30	1063	WA0306	0.55	2	4.11		11.3	15.8	22.6	28.3	33.9	39.6	44.1	
+BmF	BURKE	SIL	30 65	324	WA0306	0.55	2	5.7		15.7	21.9	31.4	39.2	47.0	54.9	61.1	
+BnB	BURKE	SIL	0 5	1172	WA0186	0.55	1	1.25		6.9	9.6	13.8	17.2	20.6	24.1	26.8	
BnC	BURKE	SIL	5 8	246	WA0186	0.55	1	1.8		9.9	13.9	19.8	24.8	29.7	34.7	38.6	
BoA2	BURKE	VFSL	0 2	187	WA0306	0.64	2	0.6		1.9	2.7	3.8	4.8	5.8	6.7	7.5	
BoB2	BURKE	VFSL	2 5	666	WA0306	0.64	2	1.25		4.0	5.6	8.0	10.0	12.0	14.0	15.6	
BoC2	BURKE	VFSL	5 8	335	WA0306	0.64	2	1.8		5.8	8.1	11.5	14.4	17.3	20.2	22.5	
+BoD2	BURKE	VFSL	0 15	3399	WA0306	0.64	2	2.67		8.5	12.0	17.1	21.4	25.6	29.9	33.3	
BrC2	BURKE	VFSL	0 8	179	WA0186	0.64	1	1.67		10.7	15.0	21.4	26.7	32.1	37.4	41.7	
Du	DUNE LAND	S		3822	DC0005	0.1	5	0.95	6-9	0.2	0.3	0.4	0.5	0.6	0.7	0.7	
EfB	ELLISFORDE	SIL	0 5	7027	WA0307	0.49	5	1.27	9-12	1.2	1.7	2.5	3.1	3.7	4.4	4.9	
EfE3	ELLISFORDE	SIL	15 60	622	WA0307	0.49	5	4.11		4.0	5.6	8.1	10.1	12.1	14.1	15.7	
EnB	ENDICOTT	SIL	0 3	1343	WA0029	0.43	2	1.27	11-15	2.7	3.8	5.5	6.8	8.2	9.6	10.6	
EnD	ENDICOTT	SIL	5 15	1663	WA0029	0.43	2	2.8		6.0	8.4	12.0	15.0	18.1	21.1	23.5	
+EoE	ENDICOTT VARIANT	SIL	0 40	6616	WA9127	0.43	1	4.11	11-15	17.7	24.7	35.3	44.2	53.0	61.9	68.9	
EsA	ESQUATZEL	FSL	0 2	609	WA0257	0.37	5	0.6	6-12	0.4	0.6	0.9	1.1	1.3	1.6	1.7	
EsB	ESQUATZEL	FSL	2 5	661	WA0257	0.37	5	1.1		0.8	1.1	1.6	2.0	2.4	2.8	3.2	
EuA	ESQUATZEL	SIL	0 2	1427	WA0257	0.55	5	0.6		0.7	0.9	1.3	1.6	2.0	2.3	2.6	
EuAB	ESQUATZEL	SIL	2 5	782	WA0257	0.55	5	1.1		1.2	1.7	2.4	3.0	3.6	4.2	4.7	
EuB	ESQUATZEL	SIL	2 5	397	WA0257	0.55	5	1.1		1.2	1.7	2.4	3.0	3.6	4.2	4.7	
FeA	FINLEY	FSL	0 2	1657	WA0308	0.37	2	0.6	6-9	1.1	1.6	2.2	2.8	3.3	3.9	4.3	
FeB	FINLEY	FSL	2 5	1648	WA0308	0.37	2	1.25		2.3	3.2	4.6	5.8	6.9	8.1	9.0	
+FeC	FINLEY	FSL	0 15	6301	WA0308	0.37	2	1.67		3.1	4.3	6.2	7.7	9.3	10.8	12.0	
FeD	FINLEY	FSL	5 15	561	WA0308	0.37	2	1.67		3.1	4.3	6.2	7.7	9.3	10.8	12.0	
+FFE	FINLEY	ST-FSL	0 30	3492	WA0309	0.32	2	2.67		4.3	6.0	8.5	10.7	12.8	15.0	16.7	
FgB	FINLEY	GR-FSL	2 5	305	WA0308	0.2	2	1.1		1.1	1.5	2.2	2.8	3.3	3.9	4.3	
FnA	FINLEY	FSL	0 2	698	WA0308	0.37	2	0.6		1.1	1.6	2.2	2.8	3.3	3.9	4.3	
FnB	FINLEY	FSL	2 5	516	WA0308	0.37	2	1.1		2.0	2.8	4.1	5.1	6.1	7.1	7.9	
HeA	HEZEL	LFS	0 2	1739	WA0258	0.32	5	0.6	6-8	0.4	0.5	0.8	1.0	1.2	1.3	1.5	
HeD	HEZEL	LFS	2 15	4170	WA0258	0.32	5	1.23		0.8	1.1	1.6	2.0	2.4	2.8	3.1	
HeE	HEZEL	LFS	15 25	44385	WA0258	0.32	5	3.09		2.0	2.8	4.0	4.9	5.9	6.9	7.7	
KeA	KENNEWICK	SIL	0 2	1954	WA0263	0.55	5	0.6	6-9	0.7	0.9	1.3	1.6	2.0	2.3	2.6	
KeB	KENNEWICK	SIL	2 5	1012	WA0283	0.55	5	1.25		1.4	1.9	2.8	3.4	4.1	4.8	5.4	

KeC	KENNEWICK	SIL	5	0	178	WA0283	0.55	5	1.75	1.9	2.7	3.9	4.8	5.8	6.7	7.5
KeD	KENNEWICK	SIL	8	15	179	WA0283	0.55	5	2.67	2.9	4.1	5.9	7.3	8.8	10.3	11.5
+KeE3	KENNEWICK	SIL	15	30	331	WA0283	0.55	5	4.11	4.5	6.3	9.0	11.3	13.6	15.8	17.6
+Kne	KIONA	STV-SIL	0	30	13493	WA0069	0.32	5		7-12	0.0	0.0	0.0	0.0	0.0	0.0
+KneF	KIONA	STV-SIL	30	65	19882	WA0069	0.32	5			0.0	0.0	0.0	0.0	0.0	0.0
KoC	KOEHLER	LFS	0	8	11317	WA0293	0.24	2	1.25	6-8	1.5	2.1	3.0	3.8	4.5	5.3
+LcE	LICKSKILLET	STV-SIL	5	30	3993	OR0713	0.2	1		11-15	0.0	0.0	0.0	0.0	0.0	0.0
+LcF	LICKSKILLET	STV-SIL	30	65	4769	OR0713	0.2	1			0.0	0.0	0.0	0.0	0.0	0.0
PaA	PASCO	FSL	0	2	3231	WA0944	0.43	5	0.5	6-8	0.4	0.6	0.9	1.1	1.3	1.5
PcA	PASCO	SIL	0	2	3689	WA0944	0.55	5	0.5		0.6	0.8	1.1	1.4	1.6	1.9
PaA	PROSSER	SIL	0	2	405	WA0262	0.55	2	0.5	6-9	1.4	1.9	2.8	3.4	4.1	4.8
PaB	PROSSER	SIL	2	5	1444	WA0262	0.55	2	1.1		3.0	4.2	6.1	7.6	9.1	10.6
PaD	PROSSER	SIL	10	15	1136	WA0262	0.55	2	1.56		4.3	6.0	8.6	10.7	12.9	15.0
+PaE	PROSSER	SIL	15	30	1070	WA0262	0.55	2	3.7		10.2	14.2	20.4	25.4	30.5	35.6
+PrD2	PROSSER	VFSL	0	15	287	WA0262	0.55	2	1.56		4.3	6.0	8.6	10.7	12.9	15.0
QuA	QUINCY	LS	0	2	3960	WA0064	0.32	5	0.58	6-8	0.4	0.5	0.7	0.9	1.1	1.3
QuD	QUINCY	LS	2	15	2707	WA0064	0.32	5	2.67		1.7	2.4	3.4	4.3	5.1	6.0
QuE	QUINCY	LS	0	30	42568	WA0064	0.32	5	3.5		2.2	3.1	4.5	5.6	6.7	7.8
+Qye	QUINCY	LFS	0	25	3500	OR0482	0.17	2	3.5		3.0	4.2	6.0	7.4	8.9	10.4
ReB	RITZVILLE	SIL	0	5	165465	WA0031	0.49	5	1.72	9-12	1.7	2.4	3.4	4.2	5.1	5.9
			5	15			0.49	5	2.37		2.3	3.3	4.6	5.8	7.0	8.1
ReE3	RITZVILLE	SIL	15	30	16841	WA0031	0.49	5	4.11		4.0	5.6	8.1	10.1	12.1	14.1
+ReF	RITZVILLE	SIL	30	40	12824	WA0031	0.49	5	5.67		5.6	7.8	11.1	13.9	16.7	19.4
RFD2	RITZVILLE	VFSL	0	5	9300	WA0031	0.49	5	1.65		1.6	2.3	3.2	4.0	4.9	5.7
			5	15					2.67		ERRO	ERRO	ERRO	ERRO	ERRO	ERRO
+Rh	RIVERWASH	GR-COS	0	3	1709	DC0031					ERRO	ERRO	ERRO	ERRO	ERRO	ERRO
+Ro	ROCK OUTCROP	UMB	0	99	1574	DC0015					ERRO	ERRO	ERRO	ERRO	ERRO	ERRO
ScA	SCOOTENEY	SIL	0	2	1322	WA0313	0.55	3	0.6	6-9	1.1	1.5	2.2	2.8	3.3	3.9
ScAB	SCOOTENEY	SIL	2	5	2348	WA0313	0.55	3	1.25		2.3	3.2	4.6	5.7	6.9	8.0
ScB	SCOOTENEY	SIL	2	5	1941	WA0313	0.55	3	1.25		2.3	3.2	4.6	5.7	6.9	8.0
ScC	SCOOTENEY	SIL	5	8	340	WA0313	0.55	3	1.72		3.2	4.4	6.3	7.9	9.5	11.0
SdA	SCOOTENEY	SIL	0	2	6663	WA0313	0.55	3	0.64		1.2	1.6	2.3	2.9	3.5	4.1
SdB	SCOOTENEY	SIL	2	5	4023	WA0313	0.55	3	1.25		2.3	3.2	4.6	5.7	6.9	8.0
SdD	SCOOTENEY	SIL	5	15	1420	WA0313	0.55	3	2.37		4.3	6.1	8.7	10.9	13.0	15.2
+SeE	SCOOTENEY	ST-SIL	0	30	505	WA0314	0.32	3	4.11		4.4	6.1	8.8	11.0	13.2	15.3
SgB	SCOOTENEY	GR-SIL	2	5	293	WA0313	0.28	3	1.25		1.2	1.6	2.3	2.9	3.5	4.1
ShA	SHANG	SIL	0	2	232	WA0315	0.55	5	0.77	6-9	0.8	1.2	1.7	2.1	2.5	3.0
ShAB	SHANG	SIL	0	5	43249	WA0315	0.55	5	1.56		1.7	2.4	3.4	4.3	5.1	6.0
ShB	SHANG	SIL	2	5	691	WA0315	0.55	5	1.56		1.7	2.4	3.4	4.3	5.1	6.0
ShC	SHANG	SIL	5	8	383	WA0315	0.55	5	1.78		2.0	2.7	3.9	4.9	5.9	6.9
ShD	SHANG	SIL	8	15	218	WA0315	0.55	5	2.63		2.9	4.1	5.8	7.2	8.7	10.1
ShE3	SHANG	SIL	15	30	3213	WA0315	0.55	5	3.81		4.2	5.9	8.4	10.5	12.6	14.7
+ShF	SHANG	SIL	30	65	3254	WA0315	0.55	5	5.45		6.0	8.4	12.0	15.0	18.0	21.0
SmB	SHANG	SIL	2	5	1967	WA1216	0.55	3	1.25		2.3	3.2	4.6	5.7	6.9	8.0
SmC	SHANG	SIL	5	8	222	WA1216	0.55	3	1.78		3.3	4.6	6.5	8.2	9.8	11.4
SndZ	SHANG	VFSL	0	5	10441	WA0315	0.55	5	1.75		1.9	2.7	3.9	4.8	5.8	6.7
			5	15					2.63		ERRO	ERRO	ERRO	ERRO	ERRO	ERRO
+ShE2	SHANG	VFSL	15	30	991	WA0315	0.55	5	3.89		4.3	6.0	8.6	10.7	12.8	15.0
SoC2	SHANG	VFSL	5	8	729	WA1216	0.55	3	1.78		3.3	4.6	6.5	8.2	9.8	11.4
SrB	STARBUCK	SIL	0	5	4512	WA0105	0.55	1	1.27	6-9	7.0	9.8	14.0	17.5	21.0	24.4
+SrBC	STARBUCK	SIL	0	8	2723	WA0105	0.55	1	1.78		9.8	13.7	19.6	24.5	29.4	34.3
SrC	STARBUCK	SIL	5	8	618	WA0105	0.55	1	1.78		9.8	13.7	19.6	24.5	29.4	34.3
+SeE	STARBUCK	ST-SIL	5	45	4106	WA0423	0.37	1	4.11		15.2	21.3	30.4	38.0	45.6	53.2

+SsE	ROCK OUTCROP	UMB	5	45	4106	DC001E												
+StD	STARBUCK	ST-SIL	0	15	3118	WA0423	0.37	1	2.25									
+UmB	UMAPINE	SIL	0	5	544	WA0179	0.55	5	0.6	6-9								
UpA	UMAPINE	SIL	0	2	182	WA0650	0.55	5	0.6									
UwB	UMAPINE	SIL	0	5	0	WA0179	0.55	5	0.6									
WaB	WALLA WALLA	SIL	0	5	7240	WA0026	0.43	5	1.49	11-15								
WaD	WALLA WALLA	SIL	5	15	4034	WA0026	0.43	5	2.78									
WaE3	WALLA WALLA	SIL	15	30	1068	WA1428	0.43	5	3.89									
+WaF	WALLA WALLA	SIL	0	65	799	WA0026	0.43	5	5									
WbA	WAMBA	SIL	0	2	2606	WA0526	0.55	2	0.6	6-8								
WdA	WARDEN	SIL	0	2	7251	WA0167	0.55	5	1.01	6-9								
WdAB	WARDEN	SIL	0	5	90436	WA0167	0.55	5	1.34									
WdB	WARDEN	SIL	2	5	11364	WA0167	0.55	5	1.34									
WdC	WARDEN	SIL	5	8	4444	WA0167	0.55	5	1.45									
WdD	WARDEN	SIL	8	15	3638	WA0167	0.55	5	1.66									
WdE3	WARDEN	SIL	15	30	16819	WA0167	0.55	5	2.67									
+WdF	WARDEN	SIL	0	65	2881	WA0167	0.55	5	4.11									
WFA2	WARDEN	VFSL	0	2	2056	WA0167	0.55	5	0.58									
WFB2	WARDEN	VFSL	5	10	4464	WA0167	0.55	5	0.66									
WFC2	WARDEN	VFSL	0	5	28380	WA0167	0.55	5	0.58									
			5	15					1.66									
WFD2	WARDEN	VFSL	8	15	831	WA0167	0.55	5	1.66									
+WFE2	WARDEN	VFSL	15	30	1999	WA0167	0.55	5	2.67									
WbB	WILLIS	SIL	0	5	9997	WA0261	0.55	2	0.53	9-12								
WbE3	WILLIS	SIL	15	30	3517	WA0261	0.55	2	4.11									
+WbF	WILLIS	SIL	30	65	808	WA0261	0.55	2	5.4									
WbD	WILLIS	SIL	0	15	17044	WA0447	0.49	1	1.66									