

Location of pedon	coordinates	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	MAP	MARP	Depth	Thick.	Size	Soil	Vegetation	Topography	Parent material	Time for formation	Climate station	Climate reference			
		mm	Bk cm	Bk cm	cm	cm	taxonomy																					
Ferozepur, India	N30.13 E71.51	16	11	8	3	18	7	26	21	78	32	4	2	5	300	79	83	105	0.5	Natr aquaf	flat, well drained	alluvium and loess	small nodules	Abohar	Gehal, 1970			
Sangrur, India	N30.25 E75.97	28	23	23	13	18	43	140	135	61	8	3	10	505	137	81	130	1	Calciorthid	wooded grassland	flat, well drained	alluvium and loess	small nodules	Lahore	Muller, 1982			
Hissar, India	N29.20 E75.24	28	23	23	13	18	43	140	135	61	0	0	0	0	46	95	765	171	53	164	0.8	Calciixerol	desert scrub	lower alluvial fan	gravelly alluvium	nodules	Lahore	Muller, 1982
Shahrazur, Iraq	N35.17 E46.33	105	162	171	115	62	0	0	0	0	0	46	95	765	171	44	145	0.5	Chromoxeret	desert scrub	flat well drained	clayey alluvium	small nodules	Sulaimaniya	Sehgal, et al., 1980			
Shahrazur, Iraq	N35.17 E46.33	105	162	171	115	62	0	0	0	0	0	46	95	765	171	102	70	80	1	Calciostoll	short grassland	flat well drained	loose volcanic ash	nodular stage	Sulaimaniya	Sehgal, et al., 1980		
Serengeti Plains, Tanzania	S2.67 E35.17	71	112	126	110	65	32	24	34	33	32	72	118	520	102	70	80	1	Haplustert	short grassland	flat well drained	loose volcanic ash	nodular stage	Lemuta	de Wit, 1978			
Serengeti Plains, Tanzania	S2.67 E35.17	71	112	126	110	65	32	24	34	33	32	72	118	530	102	70	100	1	Haplustoll	short grassland	flat well drained	loose volcanic ash	nodular stage	Lemuta	de Wit, 1978			
Serengeti Plains, Tanzania	S2.60 E35.08	71	112	126	110	65	32	24	34	33	32	72	118	550	102	70	95	2	Haplustoll	short grassland	flat well drained	loose volcanic ash	nodular stage	Lemuta	de Wit, 1978			
Serengeti Plains, Tanzania	S2.70 E34.93	102	105	128	154	112	22	10	27	32	51	88	141	770	144	110	118	5	Natrustoll	short grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.85 E35.08	75	92	86	87	62	28	13	12	13	24	62	95	710	85	95	85	2	Haplustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Naabi	de Wit, 1978			
Serengeti Plains, Tanzania	S2.85 E35.08	75	92	86	87	62	28	13	12	13	24	62	95	685	85	114	87	1	Pellustert	tal grassland	flat well drained	loose volcanic ash	nodular stage	Naabi	de Wit, 1978			
Serengeti Plains, Tanzania	S2.85 E35.08	75	92	86	87	62	28	13	12	13	24	62	95	650	85	70	80	2	Haplustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Naabi	de Wit, 1978			
Serengeti Plains, Tanzania	S2.85 E35.08	75	92	86	87	62	28	13	12	13	24	62	95	650	85	80	100	2	Haplustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Naabi	de Wit, 1978			
Serengeti Plains, Tanzania	S2.70 E34.93	102	105	128	154	112	22	10	27	32	51	88	141	770	144	110	85	2	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Las Cruces, NM, USA	N32.42 W106.70	9	10	5	8	15	37	43	31	18	11	12	157	38	13	38	3	Hapligrad	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.42 W106.70	9	10	5	8	15	37	43	31	18	11	12	157	38	15	20	4	Hapligrad	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.42 W106.70	9	10	5	8	15	37	43	31	18	11	12	157	38	28	63	2	Camborthid	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.45 W106.68	9	10	5	8	15	37	43	31	18	11	12	157	38	23	21	2	Hapligrad	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.45 W106.68	9	10	5	8	15	37	43	31	18	11	12	157	38	23	20	0.3	Calciorthid	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.45 W106.75	9	10	5	8	15	37	43	31	18	11	12	157	38	23	21	1	Hapligrad	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.45 W106.75	9	10	5	8	15	37	43	31	18	11	12	157	38	23	21	0.3	Calciorthid	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.45 W106.75	9	10	5	8	15	37	43	31	18	11	12	157	38	23	21	1	Hapligrad	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.45 W106.75	9	10	5	8	15	37	43	31	18	11	12	157	38	23	21	0.3	Calciorthid	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.45 W106.75	9	10	5	8	15	37	43	31	18	11	12	157	38	23	21	1	Hapligrad	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Las Cruces, NM, USA	N32.45 W106.75	9	10	5	8	15	37	43	31	18	11	12	157	38	23	21	1	Hapligrad	desert scrub	flat well drained	gravelly alluvium	radicarbon Hocene	Las Cruces	Gile et al., 1981				
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27	32	51	88	141	770	144	100	130	3	Natrustoll	tal grassland	flat well drained	loose volcanic ash	nodular stage	Girtasho	de Wit, 1978			
Serengeti Plains, Tanzania	S2.48 E34.75	102	105	128	154	112	22	10	27																			

Manzano, Colorado, USA	N38.13 W103.83	11	9	18	37	51	32	44	43	27	20	12	8	313	43	36	69	3 Calciorthid	short grassland	rolling upland	silty loess	postglacial	Rocky Ford	Larsen et al., 1972.
Cheraw, Colorado, USA	N38.12 W103.47	11	9	18	37	51	32	44	43	27	20	12	8	313	43	41	36	7 Hapligrad	short grassland	rolling upland	silty loess	postglacial	Rocky Ford	Larsen et al., 1972.
La Junta, Colorado, USA	N38.05 W103.49	11	9	18	37	51	32	44	43	27	20	12	8	313	43	31	71	5 Calciorthid	short grassland	rolling upland	silty loess	postglacial	Rocky Ford	Larsen et al., 1972.
Cheraw, Colorado, USA	N38.20 W103.49	11	9	18	37	51	32	44	43	27	20	12	8	313	43	38	53	5 Hapligrad	short grassland	rolling upland	silty loess	postglacial	Rocky Ford	Larsen et al., 1972.
La Junta, Colorado, USA	N38.20 W103.65	11	9	18	37	51	32	44	43	27	20	12	8	313	43	36	23	2 Hapligrad	short grassland	rolling upland	silty loess	postglacial	Rocky Ford	Larsen et al., 1972.
Pamplona, Spain	N42.78 W11.55	17	17	27	34	49	36	15	19	30	34	28	31	337	34	52	55	3 Argid	dry woodland	fluvial terrace	gravelly alluvium	small soft nodules	Zaragoza	Muller, 1982.
Huesca, Spain	N42.18 W0.38	17	17	27	34	49	36	15	19	30	34	28	31	337	34	30	30	8 Argid	dry woodland	fluvial terrace	gravelly alluvium	small soft nodules	Zaragoza	Muller, 1982.
Valencia, Spain	N39.47 W0.38	32	32	30	31	31	55	9	28	56	75	38	37	422	64	50	50	4 Argid	cleared woodland	alluvial plain	clayey alluvium	small soft nodules	Valencia	Muller, 1982.
Barcelona, Spain	N41.42 E2.18	33	42	48	47	52	43	28	48	77	80	49	47	593	51	40	90	3 Argid	wheat cultivation	alluvial plain	clayey alluvium	small soft nodules	Barcelona	Muller, 1982.
Madrid, Spain	N40.52 W3.62	38	34	45	44	44	27	12	14	32	53	47	48	438	41	70	60	5 Ustif	cultivated	alluvial terrace	sandy alluvium	small soft nodules	Madrid	Muller, 1982.
Herndon, California, USA	N36.70 W120.03	52	56	50	29	8	2	0	0	3	11	24	50	283	56	76	20	0.2 Haploixeralf	fallow field	young alluvial fan	sandy alluvium	filaments, soft nodules	Fresno	Huntington, 1971
San Joaquin, California, USA	N36.59 W120.20	39	36	30	16	2	2	0	0	1	9	11	42	189	42	20	30	6 Haploixeralf	alkali pasture	alluvial floodplain	silty alluvium	soft small nodules	Heim 5 SE	Huntington, 1971
San Joaquin, California, USA	N36.60 W120.13	39	36	30	16	2	2	0	0	1	9	11	42	189	42	51	74	4 Natroixeralf	cultivated	alluvial floodplain	silty alluvium	soft small nodules	Heim 5 SE	Huntington, 1971
San Joaquin, California, USA	N36.62 W120.15	39	36	30	16	2	2	0	0	1	9	11	42	189	42	10	56	7 Natroixeralf	alkali pasture	alluvial floodplain	silty alluvium	soft medium nodules	Heim 5 SE	Huntington, 1971
Willows, California, USA	N39.31 W122.18	114	81	64	45	25	12	1	5	8	30	77	99	560	113	53	99	3 Ustert	cultivated	alluvial floodplain	clayey alluvium	soft small nodules	Red Bluff	Ruffner, 1980
Capay, California, USA	N39.78 W120.08	114	81	64	45	25	12	1	5	8	30	77	99	560	113	51	81	4 Ustert	cultivated	alluvial floodplain	clayey alluvium	soft small nodules	Red Bluff	Ruffner, 1980
Willows, California, USA	N39.53 W122.18	114	81	64	45	25	12	1	5	8	30	77	99	560	113	74	79	5 Ustert	pasture	alluvial floodplain	clayey alluvium	soft small nodules	Red Bluff	Ruffner, 1980
Bayliss, California, USA	N39.97 W122.00	114	81	64	45	25	12	1	5	8	30	77	99	560	113	86	127	3 Ustert	cultivated	alluvial floodplain	clayey alluvium	soft small nodules	Red Bluff	Ruffner, 1980
Butte City, California, USA	N45.45 W122.00	114	81	64	45	25	12	1	5	8	30	77	99	560	113	64	102	3 Ustert	cultivated	alluvial floodplain	clayey alluvium	soft small nodules	Red Bluff	Ruffner, 1980
Butte City, California, USA	N39.45 W122.00	114	81	64	45	25	12	1	5	8	30	77	99	560	113	61	91	3 Ustert	cultivated	alluvial floodplain	clayey alluvium	soft small nodules	Red Bluff	Ruffner, 1980
Yerington, Nevada, USA	N38.53 W122.00	114	81	64	45	25	12	1	5	8	30	77	99	560	113	59	99	3 Ustert	cultivated	alluvial floodplain	clayey alluvium	soft small nodules	Red Bluff	Ruffner, 1980
Riverton, Washington, USA	N47.13 E118.37	3	3	43	48	84	109	145	127	81	1	5	6	39	145	91	107	1 Ustoll	dry grassland	rolling plain	loess	soft small nodules	Lind	Lenfest, 1967
Lind, Washington, USA	N46.03 W118.62	0	3	43	48	84	109	145	127	81	43	8	6	691	145	91	86	1 Ustoll	cultivated	rolling plain	loess	soft small nodules	Lind	Lenfest, 1967
Hawks Spring, Wyoming, USA	N41.80 E104.14	12	23	51	68	63	43	37	36	31	14	18	406	56	74	79	2 Argiostoll	short grassland	low alluvial terrace	sand and loess	soft small nodules	La Grange	Stephens et al., 1971	
La Grange, Wyoming, USA	N41.60 W104.18	12	23	51	68	63	43	37	36	31	14	18	406	56	74	81	2 Argiostoll	short grassland	low alluvial terrace	sand and loess	soft small nodules	La Grange	Stephens et al., 1971	
Yoder, Wyoming, USA	N41.88 W104.18	7	9	19	45	61	63	39	26	20	11	9	336	56	66	86	2 Haplustell	short grassland	upland plateau	loess	soft small nodules	Yoder	Stephens et al., 1971	
Beartooth, Wyoming, USA	N40.98 W111.98	56	48	53	59	47	33	14	27	23	41	49	47	496	45	53	49	2 Calcid	sagebrush	low lake terraces	silty alluvium	soft small nodules	Farmington	Erickson & Wilson, 1968
Farmington, Utah	N33.72 W117.10	50	58	44	25	6	1	2	4	2	13	21	54	280	57	48	38	3 Haploixeralf	cultivated	floodplain	sandy alluvium	soft small nodules	Riverside	Knecht, 1971
Kennewick, Washington, USA	N33.56 W117.27	50	58	44	25	6	1	2	4	2	13	21	54	280	57	25	76	3 Pellovert	cultivated	floodplain	sandy alluvium	soft small nodules	Riverside	Knecht, 1971
Kennewick, Washington, USA	N46.23 W119.15	28	20	15	13	13	15	5	3	8	18	25	28	191	23	33	28	0.2 Ustoll	bunchgrasses	alluvial terrace	clayey alluvium	soft small nodules	Kennewick	Rasmussen, 1971
Prosser, Washington, USA	N45.99 W119.74	30	23	18	15	15	20	5	5	10	23	25	28	216	25	40	50	0.5 Ustoll	bunchgrasses	rolling upland	loess	soft small nodules	Prosser Station	Rasmussen, 1971
Hollister, California, USA	N36.85 W121.35	67	56	55	26	11	6	0	3	3	5	15	59	338	67	84	86	3 Keralif	orchard	alluvial terrace	gravelly alluvium	soft small nodules	Hollister	Isgrig, 1969
Panorama, California, USA	N36.62 W120.92	50	31	28	21	8	1	0	0	3	9	23	41	215	50	71	84	2 Calcid	cultivated	alluvial terrace	sandy alluvium	soft small nodules	Panorama	Isgrig, 1969
Lochar, New Zealand	S45.01 E169.03	53	46	51	56	46	36	38	43	46	48	41	46	546	20	97	25	0.3 Ustafal	rangeland	alluvial terrace	gravelly alluvium	soft small nodules	Luggage	Leamy & Saunders, 1967
Shinimah, Syria	N36.87 E39.98	41	25	27	66	11	6	0	0	3	5	15	25	183	41	26	74	2 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Raqqa, Syria	N36.07 E38.87	41	25	27	66	11	6	0	0	3	5	15	25	183	41	15	85	2 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Kejla, Syria	N36.92 E39.15	41	25	27	66	11	6	0	0	3	5	15	25	183	41	20	45	2 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Shinimah, Syria	N36.87 E39.98	41	25	27	66	11	6	0	0	3	5	15	25	183	41	24	31	2 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Hazimah, Syria	N36.75 E39.00	41	25	27	66	11	6	0	0	3	5	15	25	183	41	40	60	0.2 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Hazimah, Syria	N36.87 E39.98	41	25	27	66	11	6	0	0	3	5	15	25	183	41	14	46	2 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Hawijah, Syria	N36.87 E39.98	41	25	27	66	11	6	0	0	3	5	15	25	183	41	19	49	3 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Tal al-Harir, Syria	N37.30 E39.75	41	25	27	66	11	6	0	0	3	5	15	25	183	41	40	75	3 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Shinimah, Syria	N36.92 E39.93	41	25	27	66	11	6	0	0	3	5	15	25	183	41	20	45	2 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Shinimah, Syria	N36.87 E38.98	41	25	27	66	11	6	0	0	3	5	15	25	183	41	25	23	3 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Hamret Balaesim, Syria	N36.63 E39.12	41	25	27	66	11	6	0	0	3	5	15	25	183	41	31	42	3 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Mal'sie, Syria	N36.75 E39.00	41	25	27	66	11	6	0	0	3	5	15	25	183	41	15	56	3 Calciorthid	desert scrub	alluvial terrace	sandy alluvium	small soft nodules	Raqqa	Mulders, 1969
Merjan, Syria	N37.12 E39.00	41	25	27	66	11	6	0	0	3	5	15	25	183	41	20	40	0.3 Calciorthid	desert scrub	alluvial terrace	gravelly alluvium	small soft nodules	Raqqa	Mulders, 1969
Shinimah, Syria	N36.92 E39.93	41	25	27	66	11	6	0	0	3	5	15	25	183	41	20	40	0.3 Calciorthid	desert scrub	alluvial terrace	gravelly alluvium	small soft nodules	Raqqa	Mulders, 1969
Wadi al-Himar, Syria	N36.87 E39.98	41	25	27	66	11	6	0	0	3	5	15	25	183	41	10	50	0.2 Calciorthid	desert scrub	alluvial terrace	gravelly alluvium	small soft nodules	Raqqa	Mulders, 1969
Bonwapitse River, Botswana	S23.13 E26.53	73	92	68	34	13	6	1	1	7	30	70	83	476	91	64	63	2 Pelusterr	riparian woodland	alluvial terrace	sandy alluvium	soft small nodules	Mahalapye	Siderius, 1973
Bonwapitse River, Botswana	S23.13 E26.53	73	92	68	34	13	6	1	1	7	30	70	83	476	91	45	123	1 Chromosulf	wooded grassland	alluvial terrace	sandy alluvium	soft small nodules	Mahalapye	Siderius, 1973
Bonwapitse River, Botswana	S23.13 E26.53	73	92	68	34	13	6	1	1	7	30	70	83	476	91	67	75	1 Pelusterr	wooded grassland	alluvial terrace	sandy alluvium	soft small nodules	Mahalapye	Siderius, 1973
Bonwapitse River, Botswana	S23.13 E26.53	73	92	68	34	13	6	1	1	7	30	70	83	476	91	48	121	1 Haplustaff	riparian woodland	alluvial terrace	gravelly alluvium	soft small nodules</td		

Moody County, South Dakota, USA	N44.10 W96.80	10	21	34	55	81	100	73	78	56	38	20	20	587	80	58	84	3	Haplustoll	mixed prairie	well drained plain	calcareous loess	5-9 ka	Wentworth	Ruffner, 1980
Moody County, South Dakota, USA	N44.10 W96.80	10	21	34	55	81	100	73	78	56	38	20	20	587	80	58	84	3	Peltastoll	mixed prairie	well drained plain	calcareous clay	30-100 ka	Wentworth	Ruffner, 1980
Amesville, Texas, USA	N35.26 W101.49	14	14	20	31	55	74	49	46	19	10	515	75	76	94	3	Haplustert	mixed prairie	well drained rolling plain	calcareous clay	30-100 ka	Childress	Ruffner, 1980		
Paducah, Texas, USA	N34.13 W100.29	14	17	27	39	84	64	50	51	61	46	21	20	505	70	43	58	3	Haplustert	mixed prairie	cultivated	loess on sandstone	30-100 ka	Childress	Ruffner, 1980
Wimmera region, Victoria, Australia	S36.38 E141.35	19	23	18	14	26	27	23	26	24	25	21	18	264	13	25	35	2	Calcid	grassy woodland	rolling plain	clayey loess	small nodules	Mildura	Gentili, 1971
Wimmera region, Victoria, Australia	S36.70 E142.30	19	23	18	14	26	27	23	26	24	25	21	18	264	13	20	50	2	Calcid	grassy woodland	rolling plain	clayey loess	small nodules	Mildura	Gentili, 1971
Darling Downs, Queensland, Australia	S27.43 E151.37	74	77	50	41	30	27	34	15	16	38	46	71	521	62	90	110	0.5	Calcid	grassy woodland	rolling plain	clayey loess	small nodules	Tambo	Gentili, 1971
Riverina, New South Wales, Australia	S35.33 E145.82	29	34	31	28	32	35	29	26	26	40	23	19	352	21	20	70	3	Ustert	short grassland	rolling plain	clayey loess	small nodules	Hay	Gentili, 1971
Riverina, New South Wales, Australia	S35.33 E145.82	29	34	31	28	32	35	29	26	26	40	23	19	352	21	90	60	3	Ustert	short grassland	rolling plain	clayey loess	small nodules	Hay	Gentili, 1971
Darling Downs, Queensland, Australia	S27.55 E151.52	74	77	50	41	30	27	34	15	16	38	46	71	521	62	60	115	3	Ustoll	short grassland	footslope	colluvium	small nodules	Tambo	Gentili, 1971
Darling Downs, Queensland, Australia	S27.55 E151.52	74	77	50	41	30	27	34	15	16	38	46	71	521	62	120	105	3	Ustert	short grassland	footslope	colluvium	small nodules	Tambo	Gentili, 1971
Adelaide, South Australia, Australia	S34.97 E138.65	23	23	21	20	66	61	61	59	49	47	36	27	523	39	102	40	3	Aquoll	grassy woodland	footslope	colluvium	small nodules	Adelaide	Gentili, 1971
Hunter Valley, N.S.W., Australia	S32.42 E150.70	65	73	47	50	44	52	45	45	37	52	52	36	598	65	51	56	3	Natragid	grassy woodland	low alluvial terrace	sandy alluvium	small nodules	Dubbo	Gentili, 1971
Mallee region, Victoria, Australia	S35.13 E142.02	19	23	18	14	26	27	23	26	24	25	21	18	264	13	42	48	3	Calcid	scrub woodland	rolling plain	loess	small nodules	Mildura	Gentili, 1971
Mallee region, Victoria, Australia	S35.13 E142.00	19	23	18	14	26	27	23	26	24	25	21	18	264	13	30	60	3	Calcid	scrub woodland	rolling plain	loess	small nodules	Mildura	Gentili, 1971
Riverina, New South Wales, Australia	S35.15 E143.38	19	23	18	14	26	27	23	26	24	25	21	18	264	13	40	60	3	Calcid	scrub woodland	rolling plain	loess	small nodules	Mildura	Gentili, 1971
Goulburn region, Victoria, Australia	S36.43 E145.25	32	42	32	45	52	54	63	59	49	58	31	553	32	80	30	3	Ustaf	grassy woodland	footslope	sandy alluvium	small nodules	Bendigo	Gentili, 1971	
Coomealla district, New South Wales, Australia	S34.08 E142.00	19	23	18	14	26	27	23	26	24	25	21	18	264	13	51	56	4	Calcid	dry savanna scrub	rolling plain	loess	small nodules	Mildura	Gentili, 1971
upper SE South Australia, Australia	S39.29 E140.83	34	29	38	60	85	97	105	98	77	65	45	117	774	76	57	78	4	Natrast	savanna woodland	rolling plain	clayey alluvium	small nodules	Mount Gambier	Gentili, 1971
Colorado River, Argentina	S39.32 W62.75	59	68	82	49	39	34	24	16	40	75	57	608	59	110	70	4	Calcid	desert scrub	rolling plain	loess	small nodules	Macachin	Muller, 1982	
Aksai-Nova Reserve, Russia	N46.62 E62.50	38	41	32	39	36	58	49	37	32	44	40	37	489	26	50	52	5	Ustoll	short grassland	coastal plain	sandy alluvium	small nodules	Rostov-na-Donu	Muller, 1982
Aksai-Nova Reserve, Russia	N46.62 E62.50	38	41	32	39	36	58	49	37	32	44	40	37	483	26	50	50	4	Ustoll	short grassland	coastal plain	loess	small nodules	Rostov-na-Donu	Muller, 1982
Guilyevka, Kazakhstan	N53.62 E65.50	10	9	18	26	35	46	34	25	28	15	26	13	268	37	65	74	2	Ustoll	short grassland	rolling plain	loess	small nodules	Kustanay	Lydolph, 1977
Smirnovka, Kazakhstan	N53.64 E62.27	10	9	18	26	35	46	34	25	28	15	26	13	268	37	45	35	2	Ustoll	short grassland	rolling plain	carbonate specks	small nodules	Kustanay	Lydolph, 1977
Tobolski, Kazakhstan	N54.08 E63.87	10	9	18	26	35	46	34	25	28	15	26	13	268	37	45	35	2	Ustoll	short grassland	rolling plain	carbonate specks	small nodules	Kustanay	Lydolph, 1977
Teneketik, Kazakhstan	N49.97 E64.16	10	9	18	26	35	46	34	25	28	15	26	13	268	37	52	33	2	Ustoll	short grassland	rolling plain	carbonate spots	small nodules	Kustanay	Lydolph, 1977
Kara-Belty, Chu Valley, Kirgizia	N42.82 E70.29	49	51	61	58	32	12	4	3	3	23	44	57	417	78	60	61	3	Natrustoll	short grassland	rolling plain	loess	small nodules	Tashkent	Muller, 1982
Bestau, Kazakhstan	N51.27 E53.05	12	10	9	17	16	18	27	14	17	17	18	25	55	5	5	5	Natragid	Artemisia steppe	rolling plain	carbonate spots	small nodules	Turqaj	Muller, 1982	
Betpak-Dala Plateau, Kazakhstan	N49.03 E70.20	49	51	61	58	32	12	4	3	3	23	44	57	417	78	28	42	1	Aridgl	Artemisia desert	rolling plain	carbonate spots	small nodules	Tashkent	Muller, 1982
Dordt Plateau, Turkmenia	N54.50 E42.15	11	13	15	12	7	2	2	3	3	6	9	11	92	10	38	1	1	Aridgl	ephemeral desert	level plateau	carbonate spots	small nodules	Krasnovodsk	Muller, 1982
Meknes, Morocco	N33.97 W60.60	66	64	66	43	28	8	1	1	1	49	84	86	496	85	65	105	0.5	Ustoll	desertified	lacustrine marsh	small nodules	small nodules	Rabat	Muller, 1982
Damazin, Sudan	N11.87 E34.95	0	1	11	58	126	166	221	152	30	5	0	770	221	60	215	2	Ustert	savanna woodland	alluvial terrace	calcareous alluvium	small nodules	Al-Rusayrus	Muller, 1982	
Barika, Algeria	N35.43 E53.28	13	11	19	15	9	4	1	6	17	18	19	16	148	18	48	30	2	Calcid	halophytic scrub	rolling plain	calcareous alluvium	small nodules	Biskra	Griffiths, 1972
Uvalde County, Texas, USA	N29.22 W99.45	15	26	18	40	61	52	26	31	77	53	17	13	378	64	86	112	2	Calcid	cultivated	alluvial terrace	sandy alluvium	small nodules	Del Rio	Ruffner, 1980
Edmonton, Alberta, Canada	N53.37 W113.17	25	20	17	23	37	75	83	72	36	19	21	447	66	92	13	0.2	Albaduf	aspen woodland	rolling morainal plain	glacial till	postglacial	Edmonton	Hare & Thomas, 1979	
Natrona County, Wyoming, USA	N42.92 W106.47	13	13	23	37	49	37	24	14	22	23	22	12	289	37	23	36	4	Natragid	grass pasture	alluvial terrace	colluvium	small nodules	Casper	Ruffner, 1980
Collin County, Texas, USA	N32.90 W97.03	46	60	59	109	116	77	47	51	80	68	52	46	820	70	124	119	5	Ustert	cultivated	alluvial terrace	colluvium	small nodules	Dallas	Ruffner, 1980
Casa Grande, Arizona, USA	N32.93 W111.73	16	21	64	3	4	26	33	17	23	18	27	21	30	33	81	2	Natragid	desert scrub	basin floors	gravelly alluvium	small nodules	Casa Grande Ruins	Ruffner, 1980	
Friendly Corners, Arizona, USA	N32.51 W111.60	16	21	64	3	4	26	33	17	23	18	27	21	30	36	64	2	Calcid	desert scrub	basin floors	sandy alluvium	small nodules	Casa Grande Ruins	Ruffner, 1980	
Casa Grande, Arizona, USA	N32.99 W111.70	16	21	64	3	4	26	33	17	23	18	27	21	30	44	64	2	Calcid	desert scrub	alluvial terrace	calcareous alluvium	small nodules	Casa Grande Ruins	Ruffner, 1980	
Maricopa, Arizona, USA	N33.02 W12.10	16	21	64	3	4	26	33	17	23	18	27	21	30	38	64	2	Cambrid	desert scrub	alluvial terrace	calcareous alluvium	small nodules	Casa Grande Ruins	Ruffner, 1980	
Casa Grande, Arizona, USA	N32.85 W111.70	16	21	64	3	4	26	33	17	23	18	27	21	30	38	56	2	Calcid	desert scrub	alluvial terrace	calcareous alluvium	small nodules	Casa Grande Ruins	Ruffner, 1980	
Los Banos, California, USA	N36.93 W120.92	45	37	25	17	7	1	1	0	5	12	34	40	228	45	66	48	2	Calcid	desert scrub	alluvial terrace	calcareous alluvium	small nodules	Los Banos	Ruffner, 1980
Los Banos, California, USA	N36.93 W120.78	45	37	25	17	7	1	1	0	5	12	34	40	228	45	61	48	2	Calpid	desert scrub	alluvial terrace	calcareous alluvium	small nodules	Los Banos	Ruffner, 1980
Los Banos, California, USA	N36.93 W120.78	45	37	25	17	7	1	1	0	5	12	34	40	228	45	61	58	2	Calpid	desert scrub	alluvial terrace	calcareous alluvium	small nodules	Los Banos	Ruffner, 1980
Gustine, California, USA	N37.18 W121.01	37	37	25	17	7	1	1	0	5	12	34	40	228	45	61	58	2	Calpid	oak savanna	low alluvial fans	clayey alluvium	small nodules	Los Banos	Ruffner, 1980
N37.07 W120.72	37	37	25	17	7	1	1	0	5	12	34	40	228	45	23	46	2	Calpid	oak savanna	low alluvial fans	clayey alluvium	small nodules	Los Banos	Ruffner, 1980	
Los Banos, California, USA	N37.25 W120.68	45	37	25	17	7	1	1	0	5	12	34	40	228	45	56	53	2	Natraqid	oak savanna	valley floodplains	clayey alluvium	small nodules	Los Banos	Ruffner, 1980
Los Banos, California, USA	N37.05 W120.58	45	37	25	17	7	1	1	0	5	12	34	40	228	45	56	53	2	Calpid	oak savanna	valley floodplains	clayey alluvium	small nodules	Los Banos	Ruffner, 1980
Gustine, California, USA	N37.08 W120.83	45	37	25	17	7	1	1	0	5	12	34	40	228	45	71	38	2	Calpid	oak savanna	valley floodplains	clayey alluvium	small nodules	Los Banos	Ruffner, 1980
Los Banos, California, USA	N36.97 W120.98	45	37	25	17	7	1	1	0	5	12	34	40	228	45	64	74	1	Argistoll	oak savanna	alluvial terrace	clayey alluvium	small nodules	Los Banos	Ruffner, 1980
Los Banos, California, USA	N36.78 W120.99	45	37	25	17	7	1	1	0	5	12	34	40	228	45	28	74	2	Calpid	oak savanna	alluvial terrace	sandy alluvium	small nodules	Los Banos	Ruffner, 1980
N37.23 W121																									

Miller, Nebraska, USA	N41.03 W99.35	13	18	36	61	99	117	84	58	64	31	15	13	605	104	30	117	1	Haplustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Kearney	Buller et al., 1974	
Miller, Nebraska, USA	N41.05 W99.38	13	18	36	61	99	117	84	58	64	31	15	13	605	104	31	99	1	Haplustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Kearney	Buller et al., 1974	
Gibbon, Nebraska, USA	N40.69 W98.20	13	18	36	61	99	117	84	58	64	31	15	13	605	104	53	74	2	Haplquoll	grassland	alluvial terrace	sandy alluvium	postglacial	Kearney	Buller et al., 1974	
Miller, Nebraska, USA	N40.93 W99.36	13	18	36	61	99	117	84	58	64	31	15	13	605	104	48	104	1	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Kearney	Buller et al., 1974	
Gibbon, Nebraska, USA	N40.72 W98.83	13	18	36	61	99	117	84	58	64	31	15	13	605	104	58	94	1	Argiustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Kearney	Buller et al., 1974	
Norfolk, Nebraska, USA	N42.70 W97.42	17	20	35	55	94	124	81	68	61	34	16	16	618	108	58	94	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Norfolk	Ruffner, 1980	
Meadow Grove, Nebraska, USA	N42.02 W97.75	17	20	35	55	94	124	81	68	61	34	16	16	618	108	69	84	0.5	Haplquoll	grassland	alluvial terrace	sandy alluvium	postglacial	Norfolk	Ruffner, 1980	
Norfolk, Nebraska, USA	N42.01 W97.42	17	20	35	55	94	124	81	68	61	34	16	16	618	108	91	61	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Norfolk	Ruffner, 1980	
Norfolk, Nebraska, USA	N42.02 W97.48	17	20	35	55	94	124	81	68	61	34	16	16	618	108	51	102	5	Haplquoll	grassland	rolling morainal plain	loess	postglacial	Norfolk	Ruffner, 1980	
Newman Grove, Nebraska, USA	N41.78 W97.07	17	20	35	55	94	124	81	68	61	34	16	16	618	108	76	76	1	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Norfolk	Ruffner, 1980	
Newman Grove, Nebraska, USA	N41.83 W97.81	17	20	35	55	94	124	81	68	61	34	16	16	618	108	74	79	1	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Norfolk	Ruffner, 1980	
Holdrege, Nebraska, USA	N40.63 W99.33	14	19	34	59	106	107	65	63	54	30	18	15	586	93	76	107	1	Haplustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Holdrege	Bowman et al., 1973	
Holdrege, Nebraska, USA	N40.35 W99.33	14	19	34	59	106	107	65	63	54	30	18	15	586	93	76	76	1	Argiustoll	grassland	rolling morainal plain	loess	postglacial	Holdrege	Bowman et al., 1973	
Holdrege, Nebraska, USA	N40.65 W99.37	14	19	34	59	106	107	65	63	54	30	18	15	586	93	38	114	1	Haplustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Holdrege	Bowman et al., 1973	
Holdrege, Nebraska, USA	N40.36 W99.45	14	19	34	59	106	107	65	63	54	30	18	15	586	93	61	91	1	Argiustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Holdrege	Bowman et al., 1973	
Holdrege, Nebraska, USA	N40.45 W99.53	14	19	34	59	106	107	65	63	54	30	18	15	586	93	76	76	1	Haplustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Holdrege	Bowman et al., 1973	
Bertrand, Nebraska, USA	N40.55 W99.35	14	19	34	59	106	107	65	63	54	30	18	15	586	93	31	122	1	Argiustoll	grassland	depression in plain	loess	postglacial	Holdrege	Bowman et al., 1973	
Bushnell, Nebraska, USA	N40.28 W103.98	11	11	28	42	79	78	72	40	37	25	14	13	451	65	61	61	4	Calciustoll	grassland	rolling morainal plain	loess	postglacial	Kimball	Ruffner, 1980	
Dix, Nebraska, USA	N41.35 W103.52	11	11	28	42	79	78	72	40	37	25	14	13	451	65	78	74	2	Calciustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Kimball	Ruffner, 1980	
Hebron, Nebraska, USA	N40.63 W97.51	18	23	39	58	106	136	82	78	75	83	40	26	19	708	117	76	102	2	Calciustoll	grassland	depression in plain	loess	postglacial	Hebron	Pollock, 1968
Harrisburg, Nebraska, USA	N41.43 W104.02	11	11	28	42	79	78	72	40	37	25	14	13	451	65	46	74	1	Argiustoll	grassland	rolling morainal plain	loess	postglacial	Kimball	Ruffner, 1980	
Harrisburg, Nebraska, USA	N41.55 W103.52	11	11	28	42	79	78	72	40	37	25	14	13	451	65	53	99	1	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Kimball	Ruffner, 1980	
Rogers, Nebraska, USA	N44.51 W96.02	16	23	38	64	89	127	84	83	74	39	22	19	677	111	86	114	2	Haplquoll	grassland	alluvial terrace	clayey alluvium	postglacial	Lincoln	Ruffner, 1980	
Rogers, Nebraska, USA	N44.49 W96.95	16	23	38	64	89	127	84	83	74	39	22	19	677	111	61	91	2	Natraquoll	grassland	alluvial terrace	clayey alluvium	postglacial	Lincoln	Ruffner, 1980	
Clarkson, Nebraska, USA	N44.76 W97.13	16	23	38	64	89	127	84	83	74	39	22	19	677	111	69	84	1	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Lincoln	Ruffner, 1980	
Seward, Nebraska, USA	N40.99 W96.98	18	25	41	64	91	137	84	84	71	36	25	20	699	119	61	91	2	Argiustoll	grassland	rolling morainal plain	loess	postglacial	Seward	Quandt, 1974	
Goehner, Nebraska, USA	N40.82 W97.20	18	25	41	64	91	137	84	84	71	36	25	20	699	119	81	71	5	Haplquoll	grassland	alluvial terrace	clayey alluvium	postglacial	Seward	Quandt, 1974	
Monroe, Nebraska, USA	N41.50 W97.43	17	20	35	55	94	124	81	68	61	34	16	16	618	108	69	84	2	Argiustoll	grassland	depression in plain	loess	postglacial	Norfolk	Ruffner, 1980	
Monroe, Nebraska, USA	N41.48 W97.48	17	20	35	55	94	124	81	68	61	34	16	16	618	108	38	114	2	Calciustoll	grassland	alluvial terrace	clayey alluvium	postglacial	Norfolk	Ruffner, 1980	
Columbus, Nebraska, USA	N41.55 W97.31	17	20	35	55	94	124	81	68	61	34	16	16	618	108	68	84	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Norfolk	Ruffner, 1980	
Nysted, Nebraska, USA	N41.18 W98.35	10	18	30	58	97	123	84	64	61	25	13	15	597	113	79	74	0.5	Argiustoll	grassland	alluvial terrace	clayey alluvium	postglacial	St Paul	Mahnke et al., 1974	
St Paul, Nebraska, USA	N41.30 W98.42	18	18	30	58	97	123	84	64	61	25	13	15	597	113	64	89	0.5	Argiustoll	grassland	rolling morainal plain	loess	postglacial	St Paul	Mahnke et al., 1974	
Chadron, Nebraska, USA	N42.66 W103.05	10	13	23	48	97	14	56	36	36	25	15	10	462	87	61	91	1	Argiustoll	grassland	rolling morainal plain	loess	postglacial	Fort Robinson	Ragon et al., 1977	
Chadron, Nebraska, USA	N42.86 W103.13	10	13	23	48	97	14	56	36	36	25	15	10	462	87	56	97	1	Haplustoll	grassland	alluvial terrace	clayey alluvium	postglacial	Fort Robinson	Ragon et al., 1977	
Fullerton, Nebraska, USA	N41.33 W98.05	16	19	29	66	100	114	87	72	75	40	23	11	662	98	96	81	1	Haplustoll	grassland	alluvial terrace	clayey alluvium	postglacial	Genoa	Station Kollmorgen, 1960	
Fullerton, Nebraska, USA	N41.41 W98.05	16	19	29	66	100	114	87	72	75	40	23	11	662	98	36	86	0.5	Argiustoll	grassland	alluvial terrace	clayey alluvium	postglacial	Genoa	Station Kollmorgen, 1960	
Northstar, Nebraska, USA	N41.35 W98.20	16	19	29	66	100	114	87	72	75	40	23	11	662	98	30	122	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Genoa	Station Kollmorgen, 1960	
Fullerton, Nebraska, USA	N41.45 W98.11	16	19	29	66	100	114	87	72	75	40	23	11	662	98	66	86	2	Argiustoll	grassland	alluvial terrace	clayey alluvium	postglacial	Genoa	Station Kollmorgen, 1960	
Franklin, California, USA	N38.30 W121.52	100	73	59	142	14	4	0	24	44	25	57	83	464	100	38	84	2	Pellexerert	cultivated	alluvial terrace	clayey alluvium	postglacial	Sacramento	Tugel, 1993	
Wayne, Nebraska, USA	N42.20 W97.12	18	23	38	58	94	122	84	76	84	41	23	18	658	102	71	81	2	Haplquoll	grassland	alluvial terrace	clayey alluvium	postglacial	Winside	Keri, 1975	
Hoskins, Nebraska, USA	N42.11 W97.35	18	23	38	58	94	122	84	76	84	41	23	18	658	102	64	89	4	Calciustoll	grassland	rolling morainal plain	loess	postglacial	Winside	Keri, 1975	
Wayne, Nebraska, USA	N42.23 W96.58	18	23	38	58	94	122	84	76	84	41	23	18	658	102	41	89	4	Argiustoll	grassland	rolling morainal plain	loess	postglacial	Red Cloud	Paden & Ragon, 1974	
Colwells, Nebraska, USA	N40.09 W88.58	15	21	39	51	88	122	84	76	84	30	20	16	633	114	64	89	8	Argiustoll	grassland	rolling morainal plain	loess	postglacial	Red Cloud	Paden & Ragon, 1974	
Colwells, Nebraska, USA	N40.19 W88.52	15	21	39	51	88	122	84	76	84	30	20	16	633	114	64	89	8	Argiustoll	grassland	rolling morainal plain	loess	postglacial	Red Cloud	Paden & Ragon, 1974	
Jameson, Nebraska, USA	N42.95 W99.32	8	15	24	56	94	135	81	48	28	9	13	14	85	48	70	72	2	Argiustoll	grassland	rolling morainal plain	loess	postglacial	Springview	Plantz & Zink, 1980	
Mills, Nebraska, USA	N42.88 W99.42	8	15	24	56	94	135	81	48	28	9	13	14	85	48	70	72	2	Argiustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Springview	Plantz & Zink, 1980	
Deuel County, Nebraska, USA	N41.12 W102.33	10	10	31	48	95	154	41	28	20	14	32	13	429	75	66	86	0.5	Haplustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Big Springs	Wilson & Stuebe, 2003	
Deuel County, Nebraska, USA	N41.12 W102.33	10	10	31	48	95	154	41	28	20	14	32	13	429	75	58	94	0.5	Haplustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Big Springs	Wilson & Stuebe, 2003	
Deuel County, Nebraska, USA	N41.12 W102.33	10	10	31	48	95	154	41	28	20	14	32	13	429	75	71	107	0.5	Haplustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Big Springs	Wilson & Stuebe, 2003	
Deuel County, Nebraska, USA	N41.18 W103.27	7	7	17	37	74	83	61	33	42	20	9	402	64	74	76	0.2	Calciquoll	grassland	alluvial terrace	gravelly alluvium	postglacial	Bridgeport	Helzer et al., 1985		
Bayard, Nebraska, USA	N41.28 W103.28	7	7	17	37	74	83	61	33	42	20	9	402	64	51	33	1	Argiustoll	grassland	rolling morainal plain	loess	postglacial				

Stanton, Nebraska, USA	N42.05 W97.35	15	25	43	60	107	111	80	71	58	35	22	19	648	96	71	81	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Stanton	Hammond, 1982
Stanton, Nebraska, USA	N41.83 W97.15	15	25	43	60	107	111	80	71	58	35	22	19	648	96	56	97	2	Haplustoll	grassland	sandy alluvium	postglacial	Stanton	Hammond, 1982	
Stanton, Nebraska, USA	N42.05 W97.49	15	25	43	60	107	111	80	71	58	35	22	19	649	96	46	107	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Stanton	Hammond, 1982
Harrison, Nebraska, USA	N42.15 W104.01	10	14	27	52	79	75	59	31	37	25	17	13	439	69	46	91	2	Haplustoll	grassland	alluvial terrace	sandy alluvium	postglacial	Harrison	Willoughby et al., 1998
Harrison, Nebraska, USA	N42.10 W103.98	10	14	27	52	79	75	59	31	37	25	17	13	439	69	81	71	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Harrison	Willoughby et al., 1998
Harrison, Nebraska, USA	N42.10 W103.98	10	14	27	52	79	75	59	31	37	25	17	13	439	69	81	71	2	Haplustoll	grassland	alluvial terrace	loess	postglacial	Harrison	Willoughby et al., 1998
Saint Helena, Nebraska, USA	N42.87 W97.30	11	21	45	61	96	112	75	78	57	39	27	18	641	101	66	114	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Hartington	Milliron, 1985
Randolph, Nebraska, USA	N42.40 W97.73	12	20	43	68	93	98	77	86	78	42	23	15	653	74	61	51	1	Ariargioll	grassland	alluvial terrace	sandy alluvium	postglacial	Hartington	Milliron, 1985
North Platte, Nebraska, USA	N41.18 W100.83	13	13	25	48	84	99	74	53	51	25	13	10	508	86	51	71	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	North Platte	Bowman et al., 1978
North Platte, Nebraska, USA	N40.80 W100.61	13	13	25	48	84	99	74	53	51	25	13	10	508	86	61	66	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	North Platte	Bowman et al., 1978
Brady, Nebraska, USA	N40.95 W100.32	13	13	25	48	84	99	74	53	51	25	13	10	508	86	41	56	1	Haplustoll	grassland	rolling morainal plain	loess	postglacial	North Platte	Bowman et al., 1978
North Platte, Nebraska, USA	N41.15 W100.92	13	13	25	48	84	99	74	53	51	25	13	10	508	86	46	76	1	Haplquoll	grassland	alluvial terrace	sandy alluvium	postglacial	North Platte	Bowman et al., 1978
Exeter, Nebraska, USA	N40.60 W97.43	12	20	43	68	93	98	77	86	78	42	23	15	653	74	61	51	1	Ariargioll	grassland	alluvial terrace	sandy alluvium	postglacial	Fairmont	Hammer et al., 1986
Shickley, Nebraska, USA	N40.40 W97.73	12	20	43	68	93	98	77	86	78	42	23	15	653	74	84	69	1	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Fairmont	Hammer et al., 1986
Grafton, Nebraska, USA	N40.61 W97.78	12	20	43	68	93	98	77	86	78	42	23	15	653	74	91	61	1	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Fairmont	Hammer et al., 1986
Ord, Nebraska, USA	N41.31 W98.87	11	18	34	59	89	93	81	82	58	33	16	14	587	82	61	91	1	Ariargioll	grassland	alluvial terrace	sandy alluvium	postglacial	North Loup	Wilson et al., 1985
Ord, Nebraska, USA	N41.31 W98.87	11	18	34	59	89	93	81	82	58	33	16	14	587	82	51	112	1	Haplquoll	grassland	alluvial terrace	sandy alluvium	postglacial	North Loup	Wilson et al., 1985
Aurora, Nebraska, USA	N40.80 W97.97	17	20	45	77	102	99	68	64	74	46	29	21	663	85	64	89	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Aurora	Vaneck et al., 1985
Phillips, Nebraska, USA	N40.88 W99.20	17	20	45	77	102	99	68	64	74	46	29	21	663	85	94	61	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Aurora	Vaneck et al., 1985
Beaver City, Nebraska, USA	N40.15 W99.13	15	18	33	43	94	107	84	61	53	41	18	15	582	92	51	102	1	Ariargioll	grassland	alluvial terrace	clayey alluvium	postglacial	Beaver City	Rieke et al., 1979
Cambridge, Nebraska, USA	N40.28 W100.15	15	18	33	43	94	107	84	61	53	41	18	15	582	92	46	106	1	Haplquoll	grassland	alluvial terrace	clayey alluvium	postglacial	Beaver City	Rieke et al., 1979
Hendley, Nebraska, USA	N40.28 W100.95	15	18	33	43	94	107	84	61	53	41	18	15	582	92	46	106	1	Haplquoll	grassland	rolling morainal plain	loess	postglacial	Beaver City	Rieke et al., 1979
Naper, Nebraska, USA	N42.89 W99.22	10	19	33	58	79	107	81	69	58	36	23	18	587	97	76	76	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Butte	Indra, 1979
Monroe, Nebraska, USA	N42.89 W98.32	10	19	33	58	79	107	81	69	58	36	23	18	589	97	64	80	2	Haplquoll	grassland	rolling morainal plain	loess	postglacial	Butte	Indra, 1979
Spencer, Nebraska, USA	N42.85 W98.77	11	18	34	59	89	93	81	82	58	33	16	14	587	82	51	112	1	Haplquoll	grassland	alluvial terrace	clayey alluvium	postglacial	Butte	Indra, 1979
Lynch, Nebraska, USA	N42.85 W98.40	10	18	34	59	89	93	81	82	58	33	16	14	589	97	38	114	2	Haplquoll	grassland	rolling morainal plain	loess	postglacial	Butte	Indra, 1979
Naper, Nebraska, USA	N42.93 W99.05	10	18	34	59	89	93	81	82	58	33	16	14	589	97	81	71	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Butte	Indra, 1979
Elwood, Nebraska, USA	N40.87 W98.79	10	18	34	59	89	93	81	82	58	33	16	14	589	97	64	89	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Butte	Indra, 1979
Butte, Nebraska, USA	N42.87 W98.79	10	18	34	59	89	93	81	82	58	33	16	14	589	97	64	89	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Butte	Indra, 1979
Lynch, Nebraska, USA	N42.88 W98.48	10	18	34	59	89	93	81	82	58	33	16	14	589	97	61	91	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Butte	Indra, 1979
Grant, Nebraska, USA	N40.85 W101.77	10	14	32	46	87	82	72	51	38	22	16	11	482	77	51	101	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Madrid	Paden et al., 1991
Elise, Nebraska, USA	N40.70 W101.73	10	14	32	46	87	82	72	51	38	22	16	11	482	77	64	89	2	Haplquoll	grassland	rolling morainal plain	loess	postglacial	Madrid	Paden et al., 1991
Madrid, Nebraska, USA	N40.83 W101.53	10	14	32	46	87	82	72	51	38	22	16	11	482	77	71	81	1	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Madrid	Paden et al., 1991
Elwood, Nebraska, USA	N40.68 W99.72	9	12	25	44	76	103	75	60	33	18	13	15	550	94	61	91	1	Ariargioll	grassland	alluvial terrace	clayey alluvium	postglacial	Canaday	Wahl, 1981
Elwood, Nebraska, USA	N40.43 W99.92	9	12	25	44	76	103	75	60	33	18	13	15	550	94	58	101	1	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Canaday	Wahl, 1981
Brule, Nebraska, USA	N40.51 W99.87	9	12	25	44	76	103	75	60	33	18	13	15	550	94	61	91	1	Haplstoll	grassland	rolling morainal plain	loess	postglacial	Canaday	Wahl, 1981
Brule, Nebraska, USA	N41.03 W102.05	11	12	28	46	88	77	68	46	36	19	13	11	455	77	58	94	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Ogallala	Scheinost, 1995
Ogallala, Nebraska, USA	N41.23 W101.93	11	12	28	46	88	77	68	46	36	19	13	11	455	77	64	89	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Ogallala	Scheinost, 1995
Ogallala, Nebraska, USA	N41.21 W101.86	11	12	28	46	88	77	68	46	36	19	13	11	455	77	66	86	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Ogallala	Scheinost, 1995
Ogallala, Nebraska, USA	N41.05 W101.77	11	12	28	46	88	77	68	46	36	19	13	11	455	77	89	64	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Ogallala	Scheinost, 1995
Ogallala, Nebraska, USA	N41.22 W102.05	11	12	28	46	88	77	68	46	36	19	13	11	455	77	56	97	2	Haplustoll	grassland	rolling morainal plain	loess	postglacial	Ogallala	Scheinost, 1995
Ogallala, Nebraska, USA	N41.12 W101.65	11	12	28	46	88	77	68	46	36	19	13	11	455	77	38	61	2	Calicaiquoll	grassland	alluvial terrace	silty alluvium	postglacial	Ogallala	Scheinost, 1995
Ogallala, Nebraska, USA	N41.03 W101.73	11	12	28	46	88	77	68	46	36	19	13	11	455	77	61	91	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Ogallala	Scheinost, 1995
Bartlett, Nebraska, USA	N42.08 W98.33	17	24	42	73	92	106	83	82	70	40	27	20	676	89	66	86	2	Ariargioll	grassland	alluvial terrace	silty alluvium	postglacial	York	Indra et al., 1988
Bartlett, Nebraska, USA	N40.69 W100.92	7	13	26	47	82	89	82	50	45	26	15	9	499	82	76	76	2	Haplquoll	grassland	alluvial terrace	silty alluvium	postglacial	Hayes Center	Scheinost, 1992
Bartlett, Nebraska, USA	N40.52 W100.80	7	13	26	47	82	89	82	50	45	26	15	9	499	82	46	70	2	Ariargioll	grassland	rolling morainal plain	loess	postglacial	Hayes Center	Scheinost, 1992
Bartlett, Nebraska, USA	N40.35 W100.80	7	13	26	47	82	89	82	50	45	26	15	9	499	82	43	84	2	Haplquoll	grassland	rolling morainal plain	loess	postglacial	Hayes Center	Scheinost, 1992
Lexington, Nebraska, USA	N40.60 W99.85	13	13	30	51	86	107	76	64	38	10	18	13	549	94	34	84	2	Haplquoll	grassland	alluvial terrace	silty alluvium	postglacial	Gothenburg	Brown et al., 1978
Lexington, Nebraska, USA	N40.72 W99.73	13	13	30	51	86	107	76	64	38	10	18	13	549	94	48	86	2	Ariargioll	grassland	alluvial terrace	silty alluvium	postglacial	Gothenburg	Brown et al., 1978
Lexington, Nebraska, USA	N40.78 W99.85	13	13	30	51	86	107	76	64	38	10	18	13	549	94	30	79	2	Natrapigil	grassland	alluvial terrace	silty alluvium	postglacial	Gothenburg	Brown et al., 1978
Central City, Nebraska, USA	N41.18 W97.88	12	23	34	59	102	109	75	36	19	17	640	97	36	76	1	Ariargioll	grassland	alluvial terrace	silty alluvium	postglacial	Central City	Pollock et al., 1981		
Central City, Nebraska, USA	N41.21 W98.28	12	23	34	59	102	109	75	36	19															

Fleiger, Colorado, USA	N39.16 W102.99	7	8	22	32	74	58	54	50	32	21	13	8	378	67	41	84	1	Haplustalf	wooded grassland	rolling morainal plain	loess	postglacial	Burlington	Borchert, 2003
Pecos, Colorado, USA	N39.30 W102.11	7	8	22	32	74	58	54	50	32	21	13	8	378	67	38	56	1	Argiustoll	grassland	alluvial terrace	silty alluvium	postglacial	Burlington	Borchert, 2003
Selbert, Colorado, USA	N39.13 W102.92	7	0	22	32	74	58	54	50	32	21	13	8	378	67	48	39	1	Haplustalf	wooded grassland	alluvial terrace	silty alluvium	postglacial	Burlington	Borchert, 2003
Flagler, Colorado, USA	N39.04 W103.05	7	8	22	32	74	58	54	50	32	21	13	8	378	67	25	53	1	Haplustalf	wooded grassland	rolling morainal plain	loess	postglacial	Burlington	Borchert, 2003
Burlington, Colorado, USA	N39.49 W102.32	7	8	22	32	74	58	54	50	32	21	13	8	378	67	30	23	1	Argiustoll	grassland	alluvial terrace	silty alluvium	postglacial	Burlington	Borchert, 2003
Mesa, Arizona, USA	N33.43 W111.90	20	15	18	8	3	3	20	30	18	13	13	25	185	27	36	76	3	Calciorthid	desert shrubland	alluvial terrace	gravelly alluvium	low terrace	Mesa	Adams, 1974
Chandler, Arizona, USA	N33.30 W111.85	20	15	18	8	3	3	20	30	18	13	13	25	185	27	45	56	2	Haplargid	cultivated	alluvial terrace	gravelly alluvium	low terrace	Mesa	Adams, 1974
Scottsdale, Arizona, USA	N33.58 W112.04	20	15	18	8	3	3	20	30	18	13	13	25	185	27	43	58	2	Haplargid	desert shrubland	alluvial terrace	gravelly alluvium	low terrace	Mesa	Adams, 1974
Mesa, Arizona, USA	N33.45 W111.80	20	15	18	8	3	3	20	30	18	13	13	25	185	27	33	76	2	Calciorthid	cultivated	alluvial terrace	gravelly alluvium	low terrace	Mesa	Adams, 1974
Goldmine Mountain, Arizona, USA	N33.25 W111.63	20	15	18	8	3	3	20	30	18	13	13	25	185	27	41	64	2	Haplargid	desert shrubland	alluvial terrace	gravelly alluvium	low terrace	Mesa	Adams, 1974
Dateland, Arizona, USA	N32.72 W113.62	6	4	5	3	0	0	2	5	8	7	7	11	58	11	5	38	4	Haplargid	desert shrubland	alluvial terrace	gravelly alluvium	low terrace	Yuma Valley	Barmore, 1980
Tacna, Arizona, USA	N32.65 W113.86	6	4	5	3	0	0	2	5	8	7	7	11	58	11	12	28	4	Haplargid	desert shrubland	alluvial terrace	gravelly alluvium	low terrace	Yuma Valley	Barmore, 1980
Dateland, Arizona, USA	N32.63 W113.51	6	4	5	3	0	0	2	5	8	7	7	11	58	11	13	25	2	Haplargid	desert shrubland	alluvial terrace	gravelly alluvium	low terrace	Yuma Valley	Barmore, 1980
Hyder, Arizona, USA	N33.08 W113.42	6	4	5	3	0	0	2	5	8	7	7	11	58	11	30	28	1	Haplargid	desert shrubland	alluvial terrace	gravelly alluvium	low terrace	Yuma Valley	Barmore, 1980
Golconda, Nevada, USA	N40.92 W117.49	23	20	21	21	22	20	7	7	10	18	22	23	212	16	53	58	5	Natragrid	desert shrubland	alluvial terrace	gravelly alluvium	low terrace	Winemucca	Denny, 2002
Winemucca, Nevada, USA	N40.91 W117.81	23	20	21	21	22	20	7	7	10	18	22	23	212	16	20	38	3	Natragrid	desert shrubland	alluvial terrace	gravelly alluvium	low terrace	Winemucca	Denny, 2002
Thacker Pass, Nevada, USA	N41.72 W118.16	28	23	28	29	34	27	7	10	14	20	29	27	276	27	69	38	1	Natragrid	desert shrubland	alluvial flat	gravelly alluvium	low terrace	Orovada	Denny, 2002
Paradise Valley, Nevada, USA	N41.45 W117.08	32	27	23	14	21	20	7	9	13	15	34	35	249	28	30	46	0	Endoaquoll	desert shrubland	alluvial flat	gravelly alluvium	low terrace	Paradise Valley	Denny, 2002
Paradise Valley, Nevada, USA	N41.32 W117.55	32	27	23	14	21	20	7	9	13	15	34	35	249	28	74	66	0	Endoaquoll	desert shrubland	alluvial flat	gravelly alluvium	low terrace	Paradise Valley	Denny, 2002
Kings River Ranch, Nevada, USA	N41.16 W117.70	23	20	21	21	22	20	7	7	10	18	22	23	212	16	46	46	1	Endoaquoll	desert shrubland	alluvial flat	gravelly alluvium	low terrace	Winemucca	Denny, 2002
N41.88 W118.26	25	21	19	16	20	10	7	10	12	18	26	30	220	23	51	23	3	Endoaquoll	desert shrubland	alluvial flat	gravelly alluvium	low terrace	Kings River	Denny, 2002	
Winemucca, Nevada, USA	N41.91 W118.26	25	21	21	21	22	20	7	7	10	18	22	23	212	16	28	18	1	Endoaquoll	desert shrubland	alluvial flat	gravelly alluvium	low terrace	Winemucca	Denny, 2002
Tracy, California, USA	N37.77 W121.53	50	35	37	24	34	13	1	3	7	31	40	40	49	51	32	62	5	Chromicixer	desert shrubland	alluvial fan	gravelly alluvium	low terrace	Tracy-Carbona	McElhiney, 1992
Stockton, California, USA	N38.05 W121.11	45	52	55	31	6	2	1	2	8	18	50	60	360	73	64	33	1	Haploixer	wooded grassland	alluvial terrace	silty alluvium	low terrace	Stockton	McElhiney, 1992
Tracy, California, USA	N37.77 W121.48	50	35	37	24	7	13	1	3	7	31	40	49	51	102	102	102	1	Peloperovert	wooded grassland	floodplain basin	clayey alluvium	basin	Tracy-Carbona	McElhiney, 1992
Alamosa, Colorado, USA	N37.55 W105.95	7	4	7	18	19	12	27	25	20	15	7	6	167	20	61	28	0	Argioplast	wooded grassland	low floodplain	silty alluvium	low terrace	Alamosa	Pannell, J.P. et al., 1973
Alamosa, Colorado, USA	N37.56 W105.96	7	4	7	18	19	12	27	25	20	15	7	6	167	20	23	25	0	Argioplast	wooded grassland	low floodplain	silty alluvium	low terrace	Alamosa	Pannell, J.P. et al., 1973
Alamosa, Colorado, USA	N37.57 W105.96	7	4	7	18	19	12	27	25	20	15	7	6	167	20	41	41	1	Haplargid	wooded grassland	low floodplain	silty alluvium	low terrace	Alamosa	Pannell, J.P. et al., 1973
Hooper, Colorado, USA	N37.73 W105.56	7	4	7	18	19	12	27	25	20	15	7	6	167	20	48	28	1	Calciorthid	wooded grassland	low floodplain	sandy alluvium	low terrace	Alamosa	Pannell, J.P. et al., 1973
Alamosa, Colorado, USA	N37.42 W105.58	7	4	7	18	19	12	27	25	20	15	7	6	167	20	36	23	1	Haplargid	wooded grassland	low floodplain	sandy alluvium	low terrace	Alamosa	Pannell, J.P. et al., 1973
Alamosa, Colorado, USA	N37.56 W105.85	7	4	7	18	19	12	27	25	20	15	7	6	167	20	30	56	1	Haplargid	wooded grassland	low floodplain	sandy alluvium	low terrace	Alamosa	Pannell, J.P. et al., 1973
Byers, Colorado, USA	N39.70 W103.96	11	12	22	47	65	40	51	38	29	18	14	10	357	55	48	33	2	Paleargid	wooded grassland	rolling morainal plain	loess	postglacial	Byers	Larson & Brown, 1971
Deer Trail, Colorado, USA	N39.68 W103.78	11	12	22	47	65	40	51	38	29	18	14	10	357	55	25	33	1	Natrustoll	wooded grassland	rolling morainal plain	loess	postglacial	Byers	Larson & Brown, 1971
Byers, Colorado, USA	N39.68 W104.04	11	12	22	47	65	40	51	38	29	18	14	10	357	55	25	33	1	Natrustoll	wooded grassland	rolling morainal plain	loess	postglacial	Byers	Larson & Brown, 1971
Deer Trail, Colorado, USA	N39.62 W103.59	11	12	22	47	65	40	51	38	29	18	14	10	357	55	25	33	1	Natrustoll	wooded grassland	rolling morainal plain	loess	postglacial	Byers	Larson & Brown, 1971
Ruxton, Colorado, USA	N39.73 W104.13	11	12	22	47	65	40	51	38	29	18	14	10	357	55	20	35	1	Haplargid	wooded grassland	low terrace	sandy alluvium	postglacial	Byers	Larson & Brown, 1971
Gilpin, Colorado, USA	N39.62 W104.55	11	12	22	47	65	40	51	38	29	18	14	10	357	55	28	20	2	Argiustoll	wooded grassland	low terrace	sandy alluvium	postglacial	Byers	Larson & Brown, 1971
Fort Lyon, Colorado, USA	N39.72 W103.59	11	12	22	47	65	40	51	38	29	18	14	10	357	55	36	30	2	Paleustoll	wooded grassland	rolling morainal plain	loess	postglacial	Byers	Larson & Brown, 1971
Saddle Mountain, Arizona, USA	N33.40 W130.13	18	18	18	8	3	3	20	33	18	10	13	30	180	30	8	10	3	Natragrid	desert scrub	alluvial plain	gravelly alluvium	low terrace	Buckeye	Hartman, 1977
Wintersburg, Arizona, USA	N33.35 W128.85	18	18	18	8	3	3	20	33	18	10	13	30	180	30	8	76	4	Calciorthid	desert scrub	low alluvial fan	gravelly alluvium	low terrace	Buckeye	Hartman, 1977
Saddle Mountain, Arizona, USA	N33.35 W131.08	18	18	18	8	3	3	20	33	18	10	13	30	180	30	30	41	2	Haplargid	desert scrub	low alluvial fan	gravelly alluvium	low terrace	Buckeye	Hartman, 1977
Tionopah, Arizona, USA	N34.35 W131.12	18	18	18	8	3	3	20	33	18	10	13	30	180	30	15	41	2	Haplargid	desert scrub	alluvial plain	gravelly alluvium	low terrace	Buckeye	Hartman, 1977
Roxbury, Colorado, USA	N37.07 W103.02	12	9	17	30	53	37	46	43	24	18	12	9	311	44	33	20	2	Haplargid	woodland	rolling morainal plain	silty alluvium	postglacial	Las Animas	Preator, 1971
Gilpin, Colorado, USA	N37.07 W103.22	12	9	17	30	53	37	46	43	24	18	12	9	311	44	33	20	2	Natragrid	woodland	rolling morainal plain	silty alluvium	postglacial	Las Animas	Preator, 1971
Fort Lyon, Colorado, USA	N38.13 W102.24	12	9	17	30	53	37	46	43	24	18	12	9	311	44	33	20	2	Calciorthid	woodland	rolling morainal plain	silty alluvium	postglacial	Las Animas	Preator, 1971
Kreybil, Colorado, USA	N38.25 W102.13	12	9	17	30	53	37	46	43	24	18	12	9	311	44	38	69	3	Haplargid	woodland	rolling morainal plain	postglacial	Las Animas	Preator, 1971	
Hasty, Colorado, USA	N38.25 W102.97	12	9	17	30	53	37	46	43	24	18	12	9	311	44	38	69	3	Haplargid	woodland	rolling morainal plain	postglacial	Las Animas	Preator, 1971	
Kreybil, Colorado, USA	N38.27 W102.13	12	9	17	30	53	37	46	43	24	18	12	9	311	44	20	61	2	Haplargid	woodland	rolling morainal plain	postglacial	Las Animas	Preator, 1971	
Hasty, Colorado, USA	N37.93 W102.97	12	9	17	30	53	37	46	43	24	18	12	9	311	44	23	20	2	Haplargid	woodland	rolling morainal plain	postglacial	Las Animas	Preator, 1971	
Amherst, Colorado, USA	N40.58 W102.15	8	9	25	49	81	62	51	38	23	11	10	45	452	78	69	43	1	Argiustoll	woodland	rolling morainal plain	loess	postglacial	Holyoke	Brubacher et al., 1971
Amherst, Colorado, USA	N40.63 W102.13	8	9	25	49	81	62	51	38	23	11	10	45	452	78	58	51	1	Argiustoll	woodland	rolling morainal plain	loess	postglacial	Holyoke	Brubacher et al., 1971
Amherst, Colorado, USA	N40.77 W102.13	8	9	25	49	81	62	51	38	23	11	10	45	452	78										

Ovid, Colorado, USA	N40.83 W102.37	10	11	25	44	75	71	56	49	31	19	13	11	415	65	36	66	1	Argiostoll	grassland	rolling morainal plain	loess	postglacial	Sedwick-	Brubacher & Moore 1969	
Ordway, Colorado, USA	N38.49 W103.70	10	10	18	32	49	29	36	38	29	15	11	9	287	40	25	56	2	Hapleagrid	grassland	rolling morainal plain	loess	postglacial	Ordway Station	Larsen et al., 1968	
Ordway, Colorado, USA	N39.49 W103.55	10	10	18	32	49	29	36	38	29	15	11	9	287	40	42	28	4	Hapleagrid	grassland	rolling morainal plain	loess	postglacial	Ordway Station	Larsen et al., 1968	
Ordway, Colorado, USA	N38.22 W103.58	10	10	18	32	49	29	36	38	29	15	11	9	287	40	51	28	1	Hapleagrid	grassland	rolling morainal plain	loess	postglacial	Ordway Station	Larsen et al., 1968	
Ordway, Colorado, USA	N38.21 W103.80	10	10	18	32	49	29	36	38	29	15	11	9	287	40	30	61	3	Calciorthid	grassland	rolling morainal plain	loess	postglacial	Ordway Station	Larsen et al., 1968	
Olney Springs, Colorado, USA	N38.18 W103.95	10	10	18	32	49	29	36	38	29	15	11	9	287	40	41	61	2	Hapleagrid	grassland	rolling morainal plain	loess	postglacial	Ordway Station	Larsen et al., 1968	
Olney Springs, Colorado, USA	N38.47 W103.93	10	10	18	32	49	29	36	38	29	15	11	9	287	40	71	56	3	Hapleagrid	grassland	rolling morainal plain	loess	postglacial	Ordway Station	Larsen et al., 1968	
Platte, Colorado, USA	N40.15 W103.05	8	8	20	44	76	63	68	49	34	23	13	11	417	68	46	81	2	Argiostoll	grassland	floodplain	silty alluvium	postglacial	Akron	Petersen et al., 1986	
Last Chance, Colorado, USA	N39.63 W103.63	8	8	20	44	76	63	68	49	34	23	13	11	417	68	33	53	2	Hapleagrid	grassland	rolling morainal plain	loess	postglacial	Akron	Petersen et al., 1986	
Linden, Colorado, USA	N39.92 W103.37	8	8	20	44	76	63	68	49	34	23	13	11	417	68	46	28	2	Hapleagrid	grassland	floodplain	silty alluvium	postglacial	Akron	Petersen et al., 1986	
Akron, Colorado, USA	N40.38 W103.20	8	8	20	44	76	63	68	49	34	23	13	11	417	68	53	69	3	Hapleagrid	grassland	floodplain	silty alluvium	postglacial	Akron	Petersen et al., 1986	
Last Chance, Colorado, USA	N39.75 W103.42	8	8	20	44	76	63	68	49	34	23	13	11	417	68	36	41	2	Natrangid	grassland	floodplain	silty alluvium	postglacial	Akron	Petersen et al., 1986	
Otis, Colorado, USA	N40.28 W102.98	8	8	20	44	76	63	68	49	34	23	13	11	417	68	56	30	2	Argiostoll	grassland	rolling morainal plain	loess	postglacial	Akron	Petersen et al., 1986	
Akron, Colorado, USA	N40.22 W103.37	8	8	20	44	76	63	68	49	34	23	13	11	417	68	38	83	3	Natrangid	grassland	floodplain	silty alluvium	postglacial	Akron	Petersen et al., 1986	
Akron, Colorado, USA	N40.22 W103.39	8	8	20	44	76	63	68	49	34	23	13	11	417	68	66	71	3	Natrangid	grassland	floodplain	silty alluvium	postglacial	Akron	Petersen et al., 1986	
Last Chance, Colorado, USA	N39.62 W103.63	8	8	20	44	76	63	68	49	34	23	13	11	417	68	58	53	3	Hapleagrid	grassland	rolling morainal plain	loess	postglacial	Akron	Petersen et al., 1986	
Linden, Colorado, USA	N39.99 W103.58	8	8	20	44	76	63	68	49	34	23	13	11	417	68	58	36	2	Argiostoll	grassland	floodplain	silty alluvium	postglacial	Akron	Petersen et al., 1986	
Akron, Colorado, USA	N39.87 W103.38	8	8	20	44	76	63	68	49	34	23	13	11	417	68	58	43	2	Argiostoll	grassland	floodplain	silty alluvium	postglacial	Akron	Petersen et al., 1986	
Akron, Colorado, USA	N40.17 W103.13	8	8	20	44	76	63	68	49	34	23	13	11	417	68	25	76	3	Argiostoll	grassland	rolling morainal plain	loess	postglacial	Akron	Petersen et al., 1986	
Akron, Colorado, USA	N40.16 W103.13	8	8	20	44	76	63	68	49	34	23	13	11	417	68	48	104	3	Paleustoll	grassland	rolling morainal plain	loess	postglacial	Akron	Petersen et al., 1986	
Pueblo, Colorado, USA	N38.84 W104.62	8	8	17	33	42	35	47	50	20	24	11	7	303	43	20	35	2	Hapleagrid	grassland	floodplain	gravelly alluvium	postglacial	Pueblo	Larsen et al., 1979	
Pueblo, Colorado, USA	N38.37 W104.45	8	8	17	33	42	35	47	50	20	24	11	7	303	43	20	78	2	Hapleagrid	grassland	floodplain	gravelly upland	postglacial	Pueblo	Larsen et al., 1979	
Pueblo, Colorado, USA	N38.13 W104.82	8	8	17	33	42	35	47	50	20	24	11	7	303	43	33	51	1	Natrangid	grassland	low terrace	gravelly alluvium	postglacial	Pueblo	Larsen et al., 1979	
Pueblo, Colorado, USA	N38.37 W104.33	8	8	17	33	42	35	47	50	20	24	11	7	303	43	38	23	5	Natrangid	grassland	rolling upland	loess	postglacial	Pueblo	Larsen et al., 1979	
Pueblo, Colorado, USA	N38.13 W104.83	8	8	17	33	42	35	47	50	20	24	11	7	303	43	58	23	5	Argiostoll	grassland	rolling upland	loess	postglacial	Pueblo	Larsen et al., 1979	
Beone, Colorado, USA	N38.18 W104.13	8	8	17	33	42	35	47	50	20	24	11	7	303	43	41	76	2	Hapleagrid	grassland	floodplain	silty alluvium	postglacial	Pueblo	Larsen et al., 1979	
Pueblo, Colorado, USA	N38.12 W104.63	8	8	17	33	42	35	47	50	20	24	11	7	303	43	18	53	2	Hapleagrid	grassland	floodplain	gravelly alluvium	postglacial	Pueblo	Larsen et al., 1979	
Walsenburg, Colorado, USA	N37.55 W104.68	8	23	33	46	51	29	54	44	23	28	21	20	303	40	28	48	2	Hapleagrid	grassland	rolling upland	loess	postglacial	Walsenburg	McCullough et al., 1983	
Walsenburg, Colorado, USA	N37.58 W104.78	14	23	33	46	51	29	54	44	23	28	21	20	303	40	38	25	2	Hapleagrid	grassland	floodplain	silty alluvium	postglacial	Walsenburg	McCullough et al., 1983	
La Veta, Colorado, USA	N37.50 W104.98	14	23	33	46	51	29	54	44	23	28	21	20	303	40	71	28	2	Argiostoll	grassland	floodplain	silty alluvium	postglacial	Walsenburg	McCullough et al., 1983	
Walsenburg, Colorado, USA	N37.78 W104.78	14	23	33	46	51	29	54	44	23	28	21	20	303	40	33	36	2	Hapleagrid	grassland	rolling upland	loess	postglacial	Walsenburg	McCullough et al., 1983	
North Rattlesnake Butte, Colorado, USA	N37.75 W104.46	14	23	33	46	51	29	54	44	23	28	21	20	303	40	43	48	2	Hapleagrid	grassland	rolling upland	loess	postglacial	Walsenburg	McCullough et al., 1983	
Clarksville, Colorado, USA	N40.41 W102.73	11	12	25	34	73	73	44	48	39	29	17	10	438	64	79	84	0.5	Argiostoll	grassland	rolling morainal plain	loess	postglacial	Yuma	Larsen, 1981	
Wray, Colorado, USA	N40.41 W102.73	9	10	21	37	74	80	71	55	36	23	15	11	442	71	61	61	1	Argiostoll	grassland	rolling morainal plain	loess	postglacial	Wray	Larsen, 1981	
Clarksville, Colorado, USA	N40.40 W102.22	9	10	21	37	74	80	71	55	36	23	15	11	442	71	61	61	1	Argiostoll	grassland	rolling morainal plain	loess	postglacial	Wray	Larsen, 1981	
Clarksville, Colorado, USA	N40.28 W102.73	11	12	25	34	73	73	44	48	39	29	17	10	438	64	81	71	2	Hapleagrid	grassland	floodplain	silty alluvium	postglacial	Yuma	Larsen, 1981	
Clarksville, Colorado, USA	N40.30 W102.73	11	12	25	34	73	73	44	48	39	29	17	10	438	64	41	51	1	Paleustoll	grassland	rolling morainal plain	loess	postglacial	Yuma	Larsen, 1981	
Yuma, Colorado, USA	N40.22 W102.73	11	12	25	34	73	73	44	48	39	29	17	10	438	64	41	51	1	Argiostoll	grassland	rolling morainal plain	loess	postglacial	Yuma	Larsen, 1981	
Independence, California, USA	N36.51 W18.03	29	26	11	6	5	3	4	5	7	3	15	22	137	26	36	58	5	Natrangid	desert scrub	stream terrace	gravelly alluvium	postglacial	Independence	Tallyn, 2002	
Independence, California, USA	N36.68 W18.05	29	26	11	6	5	3	4	5	7	3	15	22	137	26	33	51	5	Natrangid	desert scrub	fan terrace	gravelly alluvium	postglacial	Independence	Tallyn, 2002	
Bishop, California, USA	N36.67 W18.01	29	26	11	6	5	3	4	5	7	3	15	22	137	26	28	41	5	Argiostoll	desert scrub	fan terrace	gravelly alluvium	postglacial	Bishop	Tallyn, 2002	
Independence, California, USA	N36.67 W18.28	28	24	10	7	5	6	5	6	5	3	14	21	136	25	23	53	1	Natrangid	desert scrub	stream terrace	gravelly alluvium	postglacial	Independence	Tallyn, 2002	
Big Pine, California, USA	N36.35 W18.20	29	26	11	6	5	3	4	5	7	3	15	22	137	26	15	56	2	Natrangid	desert scrub	stream terrace	gravelly alluvium	postglacial	Big Pine	Tallyn, 2002	
Mountain Lake, California, USA	N36.06 W18.98	61	60	38	15	13	10	14	19	52	49	36	21	30	28	26	52	1	Cambrothid	desert scrub	stream terrace	gravelly alluvium	postglacial	Mountain Lake	Fisher et al., 2002	
Warm Springs, Nevada, USA	N36.34 W18.02	32	25	16	31	7	19	27	28	33	34	20	21	28	26	28	28	0.5	Cambrothid	desert scrub	floodplain	gravelly alluvium	postglacial	Blue Eagle Ranch	Fisher et al., 2002	
Fish Creek, Nevada, USA	N38.16 W15.01	22	15	28	26	31	7	19	27	28	33	4	28	26	21	25	23	0.5	Cambrothid	desert scrub	floodplain	gravelly alluvium	postglacial	Blue Eagle Ranch	Fisher et al., 2002	
Barrel Springs, Nevada, USA	N39.18 W15.75	23	26	22	34	29	30	21	28	20	24	22	24	303	14	25	40	5	Cambrothid	desert scrub	lake plain	gravelly alluvium	postglacial	Ruth	Blackburn, 1998	
Cherry Creek, Nevada, USA	N39.51 W15.63	23	26	22	34	29	30	21	28	20	24	22	24	303	14	38	41	5	Cambrothid	desert scrub	beach plain	gravelly alluvium	postglacial	Ruth	Blackburn, 1998	
Ruth, Nevada, USA	N40.01 W15.08	14	14	23	24	19	18	21	19	13	12	20	17	11	20	17	20	0.5	Calciorthid	desert scrub	beach plain	gravelly alluvium	postglacial	McGill	Blackburn, 1998	
Ruth, Nevada, USA	N39.34 W15.24	12	13	10	14	17	14	5	8	9	11	11	9	135	12	30	33	36	0.5	Cambrothid	desert scrub	beach plain	gravelly alluvium	postglacial	Ruth	Blackburn, 1998
Montello, Nevada, USA	N41.33 W114.09	11	11	15	26	28	18	18	17	14	17	12	20	17	8	20	3	0.5	Natrangid	desert scrub	lake terrace	gravelly alluvium	postglacial	Montello	Blackburn, 1998	
Tobor, Nevada, USA	N41.32 W114.23	11	11	15	26	28	18	18	17	14	17	12	20	17	15	43	3	0.5	Calciorthid	desert scrub	lake terrace	gravelly alluvium</td				

732	120
840	125
855	125
765	142
840	145
980	149
715	152
745	152
875	152
895	152
910	152
410	62
425	62
440	62
465	62
480	62
505	62
520	62
570	62
585	62
625	62
665	62
770	71
560	77
355	77
515	77
600	77
625	77
690	77
570	81
597	81
690	81
490	84
707	84
720	84
760	84
355	92
540	92
585	92
625	92
380	10
410	10
370	22
380	22
395	22
375	25
365	25
390	27
420	30
680	30
400	31
410	31
455	31
472	31
540	31
560	34
425	38
410	40
445	40
460	40
580	40
475	43
510	45
390	48
405	48
460	48
540	48
560	48
430	49
570	49
440	52
670	52

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Bucklebar 68-8 p.124	9.75	2 4 0.8
Dallan 66-4 p. 128	2.85	0.1 0.3 0.2
Bucklebar 66-8 p.140	7	2 1.8 0.6
Bering variant 59-6 p. 143	6	1 3 0.7
Bucklebar 59-7 p. 143	8 0.5	5 1.1
Pajarito 67-3 p. 146	4.2 0.2	3.2 0.9
Anthony 65-2 p. 158	2.7 0.1	0.2 0.15
Reagan 65-1 p. 162	2.2 0.1	0.8 0.3
Onite 70-5 p.175	6.45 0.6	4 1
Soledad 67-4 p.203	3.4 0.4	3 0.5

10.00737049
1.770824952

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