

SITE_NAME	SAMPLE_NO	LAB_NO	DATE_TECH	MEASURED_AGE_C_RATIO	
Apple Creek	AC9-W1	BA-112946	Radiometric	5080 ± 70	-28.3
Big Muddy River 02c	BMR2-C1	BA-91787	AMS	28190 ± 230	-29.3
Big Muddy River 11	BMR11-C1	BA-91788	AMS	6620 ± 50	-25.2
Big Muddy River 16	BMR16-C2	BA-91635	AMS	9450 ± 60	-27.5
Big Muddy River 17	BMR17-W1	BA-91789	AMS	9810 ± 70	-29.2
Big Muddy River 20	BMR20-C1	BA-91790	Radiometric	5530 ± 70	-26.6
Big River 001	BR1-C1	BA-102587	AMS	2290 ± 50	-26.4
Big River 007	BR7-C2	BA-102588	AMS	910 ± 50	-26.2
Big River 009	BR9-W2	BA-102589	AMS	6070 ± 60	-28.9
Big River 105	BR105A-C4	BA-102590	AMS	160 ± 50	-25.8
Big River 107	BR107-C1	BA-102591	AMS	370 ± 50	-30.8
Big River 110	BR110-C1	BA-102592	AMS	530 ± 50	-25.5
Cache River 103	CACHR-103-C1	BA-142710	AMS	900 ± 50	-24.8
Cahokia Creek 03	CAH3-W1	BA-171815	Radiometric	1380 ± 80	-28.8
Cahokia Creek 05	CAH5-W2	BA-171816	Radiometric	2030 ± 60	-26.5
Cahokia Creek 08	CAH8-C2	BA-214180	AMS	1050 ± 40	-24.1
Crooked Creek 04	CRCR-4-W1	BA-142694	AMS	121.2 ± 0.6 pMC	-26.4
Crooked Creek 07	CRCR-7-C2	BA-142695	AMS	5800 ± 50	-24.1
Fountain Creek 01	FC1-C1	BA-171817	AMS	200 ± 40	-27.5
Femme O. Creek 01	F01-L1	BA-171818	Radiometric	3940 ± 70	-28.1
Kaskaskia River 002	KR2-W2	BA-102593	AMS	5940 ± 60	-30.9
Kaskaskia River 004	KR4-C2	BA-099482	AMS	4790 ± 60	-25.5
Kaskaskia River 005	KR5-C1	BA-099483	AMS	230 ± 50	-24.8
Kaskaskia River 007	KR7-W1	BA-102594	Radiometric	7880 ± 70	-30.1
Kaskaskia River 017	KR17-W1	BA-112950	Radiometric	5800 ± 60	-25.1
Kaskaskia River 018	KR18N-W3	BA-112951	Radiometric	13720 ± 110	-26.4
Kaskaskia River 019	KR19-W1	BA-112954	Radiometric	3530 ± 60	-26.7
Kaskaskia River 019	KR19-C1	BA-112953	AMS	3610 ± 50	-29.2
Kaskaskia River 200	KR200-W1	BA-142697	AMS	8300 ± 70	-28.2
Main Ditch 01	MD1-C3	BA-125172	AMS	9170 ± 80	-25.9
Main Ditch 01	MD1-C6	BA-125173	Radiometric	4420 ± 60	-25.0
Main Ditch 01	MD1-C7	BA-125174	Radiometric	4530 ± 70	-25.0
Main Ditch 01	MD1-C9	BA-125175	Radiometric	4250 ± 110	-25.0
Main Ditch 01	MD1-C10	BA-125176	Radiometric	4150 ± 110	-25.0
Main Ditch 01	MD1-C13	BA-125177	AMS	4530 ± 60	-27.1
Main Ditch 01	MD1-C16	BA-125178	Radiometric	4260 ± 80	-25.0
Marys River 01	MAR1-W1/STM1	BA-112961	Radiometric	4520 ± 70	-27.8
Marys River 02	MAR2-C1/STM2	BA-112962	Radiometric	2740 ± 120	-25.2
Marys River 04	MAR4-W1/STM4	BA-112963	Radiometric	112.3 ± 0.9pMC	-28.6
Meramec River 001	MR1-S1	BA-102584	AMS	11270 ± 60	-23.9
Meramec River 007	MR7-C1	BA-102585	AMS	8250 ± 60	-27.3
Meramec River 007	MR7-W1	BA-102586	Radiometric	13240 ± 70	-27.0
Meramec River 022	MR22-W2	BA-112956	Radiometric	50 ± 50	-27.5
Meramec River 025	MR25W-C1000	BA-159782	AMS	5500 ± 40	-25.6

Meramec River 025W	MR25D-W1003	BA-159783	Radiometric	5360 ± 70	-25.1
Meramec River 025W	MR25-W1	BA-142698	Radiometric	5540 ± 40	-27.1
Meramec River 202	MR202-C1	BA-142699	AMS	2530 ± 50	-26.0
Meramec River 203	MR203-C1	BA-142700	AMS	110 ± 40	-25.1
Mud Creek 07	MC7-C2	BA-099484	AMS	42010 ± 980	-26.7
Mud Creek 07	MC7-C3	BA-102595	AMS	7070 ± 60	-27.5
Piasa Creek 01	PC1-W2	BA-171819	Radiometric	130 ± 60	-26.6
Piasa Creek 02	PC2-W1	BA-171820	AMS	106.5 ± 0.5 pMc	-26.8
Post Creek Cutoff 01	PCC1-5	BA-91791	AMS	4500 ± 40	-25.9
Post Creek Cutoff 01	PCC1-7	BA-91640	AMS	4230 ± 50	-30.3
Prairie du P. Creek 01	PDP1-W1	BA-171821	Radiometric	470 ± 60	-27.5
Shoal Creek 001	SHC1-C1	BA-099492	AMS	4600 ± 60	-20.2
Shoal Creek 002	SHC2-C3	BA-111258	AMS	5980 ± 50	-26.7
Shoal Creek 006	SHC6-C3	BA-111259	AMS	5650 ± 40	-26.7
Shoal Creek 008	SHC8-C1	BA-112957	Radiometric	2770 ± 70	-27.2
Shoal Creek 009	SHC9-C1	BA-112958	AMS	6350 ± 40	-27.4
Shoal Creek 010	SHC10-C1	BA-112959	AMS	5720 ± 50	-26.9
Shoal Creek 102	SHC102-W1	BA-142702	Radiometric	300 ± 60	-29.7

CONVENTIONAL_AGE	CAL_AGE_YR_BP	CAL_DATE	SAMPLE_DES	REFERENCES
5020 ± 70	5920-5610	BC 3970-3660	Leaves; in interbedded silt and s	Tuttle et al., 1999
28120 ± 230	N/A	N/A	Charred material	Tuttle et al., 1999
6620 ± 50	7540-7390	BC 5590-5440	Charred material	Tuttle et al., 1999
9410 ± 60	10540-10295	BC 8590-8345	Charred material	Tuttle et al., 1999
9750 ± 70	11020-10875; 10 BC 9070-8925; BC 87	Wood		Tuttle et al., 1999
5510 ± 70	6425-6185	BC 4475-4235	Charcoal; 203 cm BS	
2270 ± 50	2350-2140	BC 400-190	Charcoal; from root mold cast 2.	Tuttle et al., 1999
890 ± 50	925-690	AD 1025-1260	Charcoal; from brown silt leaves	Tuttle et al., 1999
6010 ± 60	7000-6730	BC 5050-4780	Wood; from organic layer above	Tuttle et al., 1999
140 ± 50	290-0	AD 1660-1950	Charcoal; in silty sand about 1 m	Tuttle et al., 1999
270 ± 50	455-270; 195-14	AD 1495-1680; AD 1	Charcoal; brown silty sand depo	Tuttle et al., 1999
530 ± 50	640-595; 565-50	(AD 1310-1355; AD 1	Charcoal; from sand layer exhibi	Tuttle et al., 1999
900 ± 50	930-700	AD 1020-1250	Charred material	Tuttle and Chest
1320 ± 80	1350-1060	AD 600-890	Leaves; 1.4 m BS and 1.8 m AWL	Tuttle, 2005
2000 ± 60	2120-1830	BC 160-AD 120	Wood; 3 m BS from outer part o	Tuttle, 2005
1060 ± 40	1060-920	AD 900-1030	Charcoal; from mottled silt 3 cm below tip of sand	
121.6 ± 0.6 pMC	Modern	Modern	Wood; 3.43 m BS and 28 cm bel	Tuttle, 2005
5820 ± 50	6735-6490	BC 4785-4540	Charcoal; from weathered silt 11	Tuttle, 2005
160 ± 40	290-0	AD 1660-1950	Charcoal; 2.55 m BS from top of	Tuttle, 2005
3890 ± 70	4520-4470; 4450 BC 2570-2520; BC 25	Leaves; 10-20 cm AWL		Tuttle, 2005
5840 ± 60	6780-6490	BC 4830-4540	Leaves; base of exposure of mot	Tuttle et al., 1999
4780 ± 60	5625-5435; 5415 BC 3675-3485; BC 34	Charcoal; from mottled silt 5 cm		Tuttle et al., 1999
230 ± 50	425-390; 320-25	AD 1525-1560; AD 1	Charcoal; from buried root mold	Tuttle et al., 1999
7790 ± 70	8670-8395	BC 6720-6445	Wood; outer few rings of tree tr	Tuttle et al., 1999
5800 ± 60	6750-6455	BC 4800-4505	Wood; collected 0.5 m AWL in ir	Tuttle et al., 1999
13700 ± 110	N/A	N/A	Wood; from sandy layer @ base	Tuttle et al., 1999
3500 ± 60	3905-3620	BC 1955-1670	Wood; from silt layer cross cut b	Tuttle et al., 1999
3550 ± 50	3935-3695	BC 1985-1745	Charred material; in weathered	Tuttle et al., 1999
8250 ± 70	9445-9020	BC 7495-7070	Wood; 2.7 m below dike tip and	Tuttle, 2005
9160 ± 80	10320-9980	BC 8370-8030	Charred material	Noonan, 1999? S
4420 ± 60	5285-4850	BC 3335-2900	Wood	Noonan, 1999? S
4530 ± 70	5440-5405; 5325 BC 3490-3455; BC 33	Wood		Noonan, 1999? S
4250 ± 110	5045-4510; 4475 BC 3095-2560; BC 25	Wood		Noonan, 1999? S
4150 ± 110	4875-4405	BC 2925-2455	Wood	Noonan, 1999? S
4500 ± 60	5310-4880	BC 3360-2930	Wood	Noonan, 1999? S
4260 ± 80	4985-4555	BC 3035-2605	Wood	Noonan, 1999? S
4480 ± 70	5310-4865	BC 3360-2915	Wood; 0.75 m AWL or 8.25 m BS	Tuttle et al., 1999
2740 ± 120	3150-2710; 2585 BC 1200-760; BC 635	Charcoal; from buried root mold		Tuttle et al., 1999
113.1 ± 0.9pMC	Modern	Modern	Leaves and related debris; from	Tuttle et al., 1999
11290 ± 60	N/A	N/A	Soil; paleosol 16 inches BS	Tuttle et al., 1999
8210 ± 60	9365-8980	BC 7415-7030	Charcoal; from flake reduction a	Tuttle et al., 1999
13210 ± 70	N/A	N/A	Leaves; organic mat within inter	Tuttle et al., 1999
10 ± 50	125-115; 70-35	AD 1825-1835; AD 1	Leaves; about 4 m from surface	Tuttle et al., 1999
5490 ± 40	6320-6250; 6250 BC 4370-4300; BC 43	Charcoal; 1.45 m below dike tip		Tuttle, 2005

5360 ± 70	6290-5940	BC 4340-3990	Wood; 1.55 m below dike tip and 5 m AWL	Tuttle, 2005
5510 ± 40	6390-6270	BC 4440-4320	Wood; 2 m below dike tip and 5 m AWL	Tuttle, 2005
2510 ± 50	2750-2365	BC 800-415	Charcoal; 3.28 m BS from shell n	Tuttle, 2005
110 ± 40	280-170; 155-5	AD 1670-1780; AD 1	Charcoal; adjacent to dike tip	Tuttle, 2005
41980 ± 980	N/A	N/A	Charcoal	Tuttle et al., 1999
7030 ± 60	7930-7675	BC 5980-5725	Charcoal; from mottled silt in w/	Tuttle et al., 1999
110 ± 60	Outside calibration	Outside calibration r	Wood; 1 m BS from outer part o	Tuttle, 2005
106.9 ± 0.5 pMc	Modern	Modern	Organic material; 14 cm above d	Tuttle, 2005
4480 ± 40	5290-4975; 4920	BC 3340-3025; BC 29	Nut	Tuttle et al., 1999
4150 ± 50	4835-4525	BC 2885-2575	Charred material	Tuttle et al., 1999
430 ± 60	540-420; 400-320	AD 1410-1530; AD 1	Leaves and debris; 1 m AWL from	Tuttle, 2005
4680 ± 60	5580-5290	BC 3630-3340	Charcoal; in top of mottled silt 6	Tuttle et al., 1999
5960 ± 50	6890-6700	BC 4940-4750	Charcoal; mottled silt near top o	Tuttle et al., 1999
5630 ± 40	6485-6315	BC 4535-4365	Charcoal; 1.9 m BS in top of BC,	Tuttle et al., 1999
2730 ± 70	2965-2745	BC 1015-795	Nut hulls; from silt below sand; c	Tuttle et al., 1999
6310 ± 40	7255-7170	BC 5305-5220	Charred material; in weathered	Tuttle et al., 1999
5690 ± 50	6630-6395	BC 4680-4445	Charred material; 12 cm below t	Tuttle et al., 1999
220 ± 60	435-360; 330-240	AD 1515-1590; AD 1	Wood; 4.5 m BS and 0.5 m AWL	Tuttle, 2005

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