

Table E.6. Wood structural elements sampled from San Miguel del Vado.

Room	Feature	Use	TRL No.	FS No. ^a	Sample Type	Species	Dia. (cm)	Ring ^b Attributes	Term Ring	Age ^c	Dates ^d	
											Inside	Outside
San Miguel Church												
Choir loft	floor	E-W primary	SMV-20	2	5/8" c	PP	23.5	est = 1771 +	I	145 + 108	1653 _{fp}	1797 _{vr}
Choir loft	floor	E-W primary	SMV-21	4	5/8" c	PP	27.5	est = 1766 +	I	152 + 94	1618 _{fp}	1769 _{vr}
Choir loft	floor	E-W primary	SMV-22	5	5/8" c	PP	26.4	est = 1791 +		101 + 25	1617 _{fp}	1717 + vv _r
Choir loft	floor	E-W primary _{north}	SMV-23	8	5/8" c	PP	19.5	est = 1764		132 + 104	1662 _p	1793 _{vv}
--	E. wall	N-S bonding beam	SMV-24	9	5/8" c	PP	21.5 x ? sq	est = 1803		136 + 80	1658 _{np}	1793 _{vv}
Nave	roof	N-S primary _{east}	SMV-25	10	5/8" c	PP	27	est = 1901		51 + 106	1757 _{np}	1807 + vv _r
Nave	roof	N-S primary	SMV-26	17	5/8" c	PP	22.1	est = 1862		46 + 73	1762 _?	1807 + vv _{vr}
Nave	roof	N-S primary	SMV-27	23	5/8" c	PP	25.2	est = 1855		108 + 73	1700 _{np}	1807 + vv _{vr}
Nave	roof	N-S primary	SMV-28	30	5/8" c	PP	21 x 27.3 sq	est = 1725	I	160 + 141	1639 _{np}	1798 + + B _r
Nave	roof	N-S primary	SMV-29	33	5/8" c	PP	25.5	est = 1776 +		176 + 118	1628 _{fp}	1807 + vv _v
Sanctuary	roof	N-S support beam _{east}	SMV-30	34	5/8" c	PP	22.5 x 28.5	est = 1790		146 + 99	1658 _?	1803 _{vv}
Sanctuary	roof	east corbel _{south}	SMV-31	37	5/8" c	PP	15 x 28 sq	est = 1763 +		130 + 112	1678 _{fp}	1807 + vv _v
Sanctuary	roof	east corbel	SMV-32	39	5/8" c	PP	13 x 26.5 sq	est = 1785 +		154 + 98	1640 _{fp}	1801 + vv _{vr}
Sanctuary	roof	E-W primary	SMV-33	40	5/8" c	PP	36.5	est = 1775		182 + 130	1636 _{np}	1817 _{vv}
Sanctuary	roof	east corbel	SMV-34	45	5/8" c	PP	21 x 28 sq	erratic, false rings est = 1761		175 + 113	1607 _{np}	1781 + vv _{vr}

Table E.6. (continued)

Room	Feature	Use	TRL No.	FS No. ^a	Sample Type	Species	Dia. (cm)	Ring ^b Attributes	Term Ring	Age ^c	Dates ^d	
											Inside	Outside
Sanctuary	roof	east corbel	SMV-35	51	5/8" c	PP	22 x 29 sq	est = 1817 +		112 + 104	1705 _{fp}	1816 _{vv_{vr}}
Sanctuary	roof	E-W primary	SMV-36	52	5/8" c	PP	25.5	est = 1787		153 + 95	1639 _{np}	1791 + vv _{vr}
Sanctuary	roof	east corbel	SMV-37	55	5/8" c	PP	22.5 x 28.5sq	est = 1794		223 + 128	1594 _{np}	1816 _{vv_r}
Sanctuary	roof	E-W primary	SMV-38	58	5/8" c	PP	30	est = 1798 +		86 + 77	1731 _{fp}	1816 _{vv_r}
Apse	roof	N-S primary _{east}	SMV-100	63	5/8" c	PP	25 +		C	175	1633 _p	1807 + v _r
Apse	roof	N-S primary	SMV-101	64	5/8" c	PP	23.5 +		I	155 +	1652 _{np}	1807 + v _r
Apse	roof	N-S primary	SMV-102	70	5/8" c	PP	33 +		C	140 +	1667 _{np}	1807 + v _r
Apse	roof	N-S primary _{west}	SMV-103	72	5/8" c	PP	24 +			250 +	1558 _{np}	1807 _{vv_v}
North wall	door	lintel _{north}	SMV-104	73	5/8" c	PP	18.5x?sq			162 +	1629 _?	1790 + + vv _r
Structure 1												
Room 4	roof	E-W viga	SMV-5	2(1-5)	1/2" c	PP	24.8		I	78	1797 _{np}	1868 _{v_rB}
Room 4	roof	E-W viga	SMV-79	4	5/8" c	PP	27.3			99 +	1769 _p	1867 _{vv_r}
Room 3	roof	E-W viga	SMV-4	7(1-4)	1/2" c	PP	21.8				same as SMV-1	
Room 3	roof	E-W viga	SMV-80	10	5/8" c	PP	24.8			115 +	1751 _p	1865 _{vv_rB?}
Rooms 2 & 3	roof/wall	E-W viga/intramural	SMV-3	12(1-3)	1/2" c	PP	27.4		I	78	1791 _p	1868 _v
Room 2	roof	E-W viga	SMV-2	14(1-2)	1/2" c	PP	29.5			78 +	1787	1864 _{vv}
Rooms 1 & 2	roof/wall	E-W viga/intramural	SMV-81	17	5/8" c	PP	28.3			92 +	1774 _{fp?}	1865 _{vv_{vr}}
Room 1	roof	E-W viga	SMV-82	20	5/8" c	PP	20.6		I	53	1816 _p	1868 _B
Room 1	roof	E-W viga	SMV-1	22(1-1)	1/2" c, 5/8" c	PP	22.8		I	72 +	1805	1869 _{rB}
Territorial House (includes Matlock's Structures 2, 3, and 4)												
Room 1	roof	N-S viga _{west}	SMV-39	1	5/8" c	PP	23.8	short				nd

Table E.6. (continued)

Room	Feature	Use	TRL No.	FS No. ^a	Sample Type	Species	Dia. (cm)	Ring ^b Attributes	Term Ring	Age ^c	Dates ^d	
											Inside	Outside
Room 1	roof	N-S viga	SMV-40	3	5/8" c	PP	23.7	short				nd
Room 1	roof	N-S viga	SMV-41	5	5/8" c	PP	21.9	short				nd
Room 1	roof	N-S viga	SMV-42	7	5/8" c	PP	22.3					nd
Room 1	S. wall	E-W intra-mural viga support	SMV-43	9	5/8" c	PP	17.5			56+	1767 _{np}	1822 + vv _{vfr}
Room 2	roof	N-S viga	SMV-44	11	5/8" c	PP	20.0					nd
Room 2	roof	N-S viga	SMV-45	14	5/8" c	PP	22.2			86+	1739 _{np}	1824 + vv _v
Room 2	roof	N-S viga	SMV-46	16	5/8" c	PP	23.6			91+	1751 _{np}	1841 vv _v
Room 1 or 2	roof	viga _{north}	SMV-11	4-1	1/2" c	PP	20.3		I	42+	1891	1932 rB
Room 3	roof	N-S viga	SMV-47	19	v-cut	PP	19	short				nd
Room 3	roof	N-S viga	SMV-48	25	v-cut	PP	19					nd
Room 3	roof	N-S viga	SMV-49	28	xs	PP	19	short				nd
Room 5	roof	N-S viga	SMV-50	42	5/8" c	PP	20.8	short				nd
Room 5	roof	N-S viga	SMV-51	44	5/8" c	PP	19	tight				nd
Room 5	roof	N-S viga _{outer}	SMV-9	3-1	1/2" c	PP	30.5			101+	1831	1931 vv
Room 5	roof	N-S viga	SMV-10	3-2	1/2" c	PP	20.3		I	74	1750 _{np}	1823 v
Room 6	roof	E-W viga	SMV-52	46	5/8" c	PP	14.4	short				nd
Room 6	roof	E-W viga	SMV-53	49	5/8" c	Pnn	17.6		C	94+	1843	1936 +B
Room 6	roof	E-W viga	SMV-54	55	5/8" c	Pnn	19.3		C	105+	1832	1936 +B
Room 7	roof	E-W viga	SMV-55	57	5/8" c	PP	24.0			165+	1673 _{np?}	1837 vv _v
Room 7	roof	E-W viga	SMV-56	60	5/8" c	PP	24.0					nd
Room 7	roof	E-W viga	SMV-57	63	5/8" c	PP	20.9			95+	1735 _{np}	1829 + vv _v
Room 7	roof	E-W viga	SMV-58	66	5/8" c	PP	23.5			85+	1751 _{fp?}	1835 vv _v

Table E.6. (continued)

Room	Feature	Use	TRL No.	FS No. ^a	Sample Type	Species	Dia. (cm)	Ring ^b Attributes	Term Ring	Age ^c	Dates ^d	
											Inside	Outside
Room 7	roof	E-W viga	SMV-59	69	5/8" c	PP	21.8			91+	1734 _{np}	1824 _{vv_v}
Room 7	roof	closing splint	SMV-60	113	5/8" c	Jun	6x6					nd
Rooms 8-11	?	post?	SMV-7	2-2	1/2" c	PP	35.5?		I	84+	1851	1934 _{rB}
Room 11	roof	N-S viga	SMV-61	77	5/8" c	PP	23.3			144+	1713 _{np}	1856 _{vv_v}
Room 11	roof	N-S viga	SMV-62	80	5/8" c	PP	25.7			69+	1786 _p	1854 _{vv_v}
Room 11	roof	N-S viga	SMV-63	82	5/8" c	PP	24.7			87+	1770 _{np}	1856 _{vv_v}
Room 11	roof	N-S viga	SMV-64	83(2-1)	1/2" c, 5/8" c	PP	25.0			115+	1741 _{np}	1855 _{vv}
Room 11	roof	N-S viga	SMV-65	85	5/8" c	PP	24.4	erratic, false rings				nd
Room 11	roof	N-S viga	SMV-66	86	5/8" c	PP	28.1			91+	1764 _{fp}	1854 _{vv_{vr}}
Room 12	roof	E-W viga	SMV-67	87	5/8" c	PP	18.2		I	64+	1758 _{np}	1821 _{+B}
Room 12	roof	E-W viga	SMV-68	89	5/8" c	PP	24.9		I	129+	1693 _{np}	1821 _{+B}
Room 12	roof	E-W viga	SMV-69	93	5/8" c	PP	23.9		I	78+	1747 _{np}	1824 _{v_r}
Room 12	roof	E-W viga	SMV-70	96	5/8" c	PP	24.1					nd
Room 12	roof	E-W viga	SMV-71	97	5/8" c	PP	20.1			100+	1724 _p	1823 _{vv_r}
Room 12	roof	E-W viga	SMV-72	99	5/8" c	PP	22.9					nd
Room 13	roof	E-W viga	SMV-73	101	5/8" c	PP	21.0		I	83+	1758 _p	1840 _{v_r}
Room 14	roof	E-W viga	SMV-74	104	5/8" c	PP	21.0					nd
Room 14	roof	E-W viga	SMV-75	105	5/8" c	PP	19.4					nd
Room 14	roof	E-W viga	SMV-76	107	5/8" c	PP	24.5					nd
Room 14	roof	E-W viga	SMV-77	108	5/8" c	PP	25.9					nd
Room 14	roof	E-W viga	SMV-78	109	5/8" c	PP	21.4					nd

Table E.6. (continued)

Room	Feature	Use	TRL No.	FS No. ^a	Sample Type	Species	Dia. (cm)	Ring ^b Attributes	Term Ring	Age ^c	Dates ^d	
											Inside	Outside
Loose log stacked in plaza near Structure 2 (Rms 8-11)			SMV-8	2-3	1/2" c	PP	20.3			82+	1752 np	1833 vv
Loose log stacked near Structure 2 (Rms 8-11)			SMV-18	6-1	1/2" c	PP	30.5			115+	1735 np	1849 vv
Loose log stacked near Structure 2 (Rms 8-11)			SMV-19	6-2	1/2" c	PP	30.5					nd
Structure 5												
Room 1	roof	E-W viga _{south}	SMV-15	1(5-4)	1/2" c	PP	30.5		I	65+	1766	1830 r
Room 1	roof	E-W viga	SMV-105	2	5/8" c	PP	25.1	est=1821	C	100 ⁷⁹	1731 p	1830 B
Room 1	roof	E-W viga	SMV-16	5(5-5)	1/2" c	PP	35.5				same as SMV-15	
Room 2	roof	N-S viga _{north}	SMV-12	7(5-1)	1/2" c	PP	15.2		C	42+	1793 p	1834 vv
Room 2	roof	E-W viga	SMV-106	10	5/8" c	PP	26.9	est=1786+ double rings		167 ¹²⁹	1668 _p	1834 B
Room 2	roof	E-W viga	SMV-13	11(5-2)	1/2" c	PP	25.4			66+	1764 np	1829 vv
Room 2	roof	E-W viga	SMV-107	14	5/8" c	PP	22.3	double rings	I	93	1742 P	1834 B
Room 2	roof	E-W viga	SMV-14	18(5-3)	1/2" c	PP	30.5			55+	1770	1824 vv
Room 2	roof	E-W viga	SMV-108	19	5/8" c	PP	27.5		C	49	1786 _p	1834 B
Room 2	roof	E-W viga	SMV-109	20	5/8" c	PP	21.4	complacent	C	50	1785 _{np}	1834 B
Room 3	roof	N-S viga	SMV-17	26(5-6)	1/2" c	PP	25.4		I	84+	1744 np	1827 v
Room 3	roof	N-S viga	SMV-110	32	5/8" c	PP	20.4	est=1843		101+ ⁶⁷	1731 p	1831 vv
Room 3	roof	N-S viga	SMV-111	40	5/8" c	PP	21.3			111+	1727 P	1837 vv _{vr}
Room 3	roof	N-S viga	SMV-112	46	5/8" c	PP	18.1			81+	1755 _{p?}	1835 vv _v
Room 3	S wall	window post	SMV-113	50	5/8" c	Pnn	7.5	complacent		32+		nd
Room 4	roof	E-W viga	SMV-114	51	5/8" c	PP	22.1					nd

Table E.6. (continued)

Room	Feature	Use	TRL No.	FS No. ^a	Sample Type	Species	Dia. (cm)	Ring ^b Attributes	Term Ring	Age ^c	Dates ^d	
											Inside	Outside
Structure 6												
Room 1	roof	E-W viga _{north}	SMV-83	1	5/8" c	PP	18.4		I	79+	1813 _{np}	1891 _B
Room 1	roof	E-W viga	SMV-115	2	5/8" c	PP	19.5					nd
Room 1	roof	E-W viga	SMV-116	4	5/8" c	Pnn	20.4			101+	1743 _{np}	1843 _{++v_B}
Room 1	roof	E-W viga	SMV-84	5	5/8" c	Pnn	23.1		I	182	1669 _p	1850 _{+B}
Room 1	roof	E-W viga	SMV-85	7	5/8" c	PP	23.0		I	92+	1746 _p	1837 _{+B}
Room 1	roof	E-W viga _{south}	SMV-86	9	5/8" c	Pnn	20.2		I	152+	1700 _p	1851 _B
Room 1	W wall	horizontal intramural set under FS 8-9	SMV-117	10	5/8" c	PP	9.0					nd
Room 1	roof	closing splint	SMV-118	11	5/8" c	PP	10.0			13		nd
Room 1	roof	closing splint	SMV-119	12	5/8" c	Pnn	16.0		C	59+	1793 _{fp}	1851 _B
Room 1	roof	closing splint	SMV-120	13	5/8" c	Pnn	10x20		C	107+	1744 _{np}	1850 _{+B}
Structure 7^e												
Room 3	roof	E-W viga _{north}	SMV-87	1	5/8" c	PP	26.0			110+	1765 _p	1874 _{vv_{v/r}}
Room 3	roof	E-W viga	SMV-88	3	5/8" c	PP	26.3			93+	1784 _{np}	1876 _{vv_{v/r}}
Room 3	roof	E-W viga	SMV-89	4	5/8" c	PP	27.1			84+	1778 _{np}	1861 _{vv_{v/r}}
Room 3	roof	E-W viga	SMV-90	5	5/8" c	PP	26.5			66+	1814 _{np}	1879 _{vv_{v/r}}
Room 6	roof	N-S viga _{west}	SMV-91	7	5/8" c	PP	21.4			137+	1726 _p	1862 _{++vv_{v/r}}
Room 6	roof	N-S viga _{east}	SMV-92	13	5/8" c	PP	23.2			147+	1723 _{np}	1869 _{++vv_{v/r}}
Room 7	roof	N-S viga _{west}	SMV-93	14	5/8" c	PP	23.0			125+	1744 _{np}	1868 _{++vv_{v/r}}
Room 7	roof	N-S viga _{east}	SMV-94	20	5/8" c	PP	22.8			145+	1723 _p	1867 _{++vv_{v/r}}
Structure 8												
Room 1	roof	E-W viga	SMV-121	1	5/8" c	PP	20.1		doubles			nd

Table E.6. (continued)

Room	Feature	Use	TRL No.	FS No. ^a	Sample Type	Species	Dia. (cm)	Ring ^b Attributes	Term Ring	Age ^c	Dates ^d	
											Inside	Outside
Room 1	roof	E-W viga	SMV-122	4	5/8" c	PP	19.3					nd
Room 2	roof	E-W viga	SMV-95	6	5/8" c	PP	26.0			99+	1800 p	1898 vv _v
Room 3	roof	E-W viga	SMV-96	10	5/8" c	PP	19.5			71+	1828 _{np}	1898 vv _v
Room 4	roof	E-W viga	SMV-123	12	5/8" c	PP	18.7					nd
Room 5	roof	loose viga	SMV-97	16	5/8" c	PP	20.0			58+	1766 _{np}	1823 + vv _v
Room 5	roof	loose viga	SMV-98	18	5/8" c	PP	20.0			88+	1736 _{fp}	1823 + vv _v
Room 7	roof	N-S viga	SMV-124	26	5/8" c	PP	24.3		C	126	1682 _p	1807 B
Room 7	roof	N-S viga	SMV-125	28	5/8" c	PP	27.2	est = 1778	C	116 ⁹⁷	1692 _p	1807 B
Room 7	roof	N-S viga	SMV-99	29	5/8" c	PP	25.0		C	117	1691 _p	1807 B
Room 7	roof	N-S viga	SMV-126	30	5/8" c	PP	19.7	complacent		33		nd
Room 7	roof	N-S viga	SMV-127	32	5/8" c	PP	28.8	est = 1763+	C	121 + 107	1686 _{np}	1807 v
Hollenbeck House^f												
	roof?	viga?	RG-370 ^g	-	xs	PP	? sq	somewhat erratic		105+	1727 _p	1832 vv
	roof?	viga?	RG-371	-	xs	PP	? sq			92+	1725 _p	1816 vv

^a Hyphenated numbers indicate Gary Matlock's 1972 field numbers.

^b Estimated tree death dates calculated from heartwood ring count (see Nash 1997). Standard error of ± 12 rings (DF) or ± 24 rings (PP) to account for about 85 percent of date variability.

^c Superscripts denotes number of sapwood rings present in specimen.

^d Field observation symbols listed as a subscript for inside and outside dates if different from laboratory analysis.

^e Vigas from Room 3 taken from a structure in nearby El Ancon to the north in about 1990 (Julian and Mary Bustamonte, personal communications 3 March and 22 August 2001).

^f Hollenbeck Home specimens in Santa Fe originally procured from an unidentified structure in San Miguel.

^g Dean (2001) reports that a note in the New Mexico Laboratory of Anthropology catalog book indicates that this sample may have come from Gran Quivira, instead.