

Wertheim NWR Water Management Demonstration Project Data Report
Vegetation Biomass
Area 2 (2003-2007)

Date	Sample Location	Live Vegetation Weight (g)	Dead Vegetation Weight (g)	Marsh Zone	Vegetation Description
2003					
10/14/2003	2-1-40	21.2	NS	MIX	<i>Spartina patens</i> , <i>Spartina alterniflora</i>
10/14/2003	2-1-120	38.7	NS	MIX	<i>S. patens</i> , <i>S. alterniflora</i> , <i>Iva frutescens</i>
10/14/2003	2-1-160	29.0	NS	HM	<i>S. patens</i>
10/14/2003	2-2-40	40.9	NS	HM	<i>S. patens</i>
10/14/2003	2-2-80	67.5	NS	HM	<i>S. patens</i>
10/14/2003	2-3-40	32.1	NS	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/14/2003	2-3-80	26.1	NS	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/14/2003	2-3-120	41.4	NS	MIX	<i>S. patens</i>
10/14/2003	2-4-40	28.3	NS	MIX	<i>S. patens</i> , <i>S. alterniflora</i> , <i>Pluchea purpurascens</i>
10/14/2003	2-4-80	42.9	NS	HM	<i>S. patens</i>
10/14/2003	2-5-00	73.5	NS	HM	<i>S. patens</i> , <i>Iva frutescens</i>
10/14/2003	2-5-40	53.3	NS	HM	<i>S. patens</i> , <i>Iva frutescens</i>
10/14/2003	2-5-80	36.0	NS	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
2004					
10/20/2004	2-1-40	31.6	24.6	MIX	<i>S. patens</i> , <i>Distichlis spicata</i>
10/20/2004	2-1-120	28.6	10.8	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/20/2004	2-1-160	46.9	17.4	HM	<i>S. patens</i> , <i>D. spicata</i>
10/20/2004	2-2-40	3.6	20.6	HM	<i>S. patens</i> , <i>D. spicata</i>
10/20/2004	2-2-80	21.6	15.1	HM	<i>S. patens</i> , <i>D. spicata</i>
10/20/2004	2-3-40	50.6	26.8	MIX	<i>S. patens</i> , <i>D. spicata</i>
10/20/2004	2-3-80	26.4	2.7	MIX	<i>Spartina patens</i> , <i>S. alterniflora</i> , <i>Pluchea purpurascens</i>
10/20/2004	2-3-120	13.2	23.3	MIX	<i>S. patens</i> , <i>D. spicata</i> , <i>P. purpurascens</i>
10/20/2004	2-4-40	20.8	24.7	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/20/2004	2-4-80	18.2	41.1	HM	<i>S. patens</i> , <i>D. spicata</i>
10/20/2004	2-5-00	0.0	12.2	HM	<i>Phragmites australis</i>
10/20/2004	2-5-40	49.6	38.5	HM	<i>S. patens</i>
10/20/2004	2-5-80	28.2	32.9	MIX	<i>S. patens</i> , <i>D. spicata</i>
2005					
10/20/2005	2-1-40	44.0	17.6	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/20/2005	2-1-120	20	4	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/20/2005	2-1-160	35.5	31.6	HM	<i>S. patens</i>
10/20/2005	2-2-00	30	26.4	HM	<i>S. patens</i> , <i>D. spicata</i>
10/20/2005	2-2-40	48	17.8	HM	<i>S. patens</i>
10/20/2005	2-2-80	36.8	13.4	HM	<i>S. patens</i> , <i>P. purpurascens</i>
10/20/2005	2-3-40	30.4	21.2	MIX	<i>S. patens</i>
10/20/2005	2-3-80	59.9	0.0	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/20/2005	2-3-120	32.2	16.2	MIX	<i>S. alterniflora</i> , <i>S. patens</i>
10/20/2005	2-4-40	47.8	14.1	MIX	<i>S. patens</i> , <i>Salicornia</i>
10/20/2005	2-4-80	63.8	8	HM	<i>S. robustus</i> , <i>S. patens</i>
10/20/2005	2-5-00	103.9	42.5	HM	<i>S. patens</i> , <i>Phragmites</i>
10/20/2005	2-5-40	148.3	26.1	HM	<i>Phragmites</i> , <i>S. patens</i>
10/20/2005	2-5-80	41.4	10.8	MIX	<i>S. patens</i> , <i>S. alterniflora</i> , <i>Phragmites</i>
2006 (post marsh alterations)					
10/13/2006	2-1-40	30.83	0	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/13/2006	2-1-120	30.46	13.84	MIX	<i>S. patens</i> , <i>S. alterniflora</i> , <i>P. purpurascens</i> , <i>Iva frutescens</i>
10/13/2006	2-1-160	22.29	4.5	MIX	<i>S. patens</i> , <i>S. alterniflora</i> , <i>P. purpurascens</i>
10/13/2006	2-2-00	22.51	35.36	HM	<i>S. patens</i> , <i>S. pungens</i>
10/13/2006	2-2-40	12.03	3.22	MIX	<i>S. patens</i> , <i>S. alterniflora</i> , <i>P. purpurascens</i>
10/13/2006	2-2-80	0.0	38.09	HM	<i>S. patens</i> ; mostly mud (panne)
10/13/2006	2-3-40	27.77	0.8	MIX	<i>S. patens</i>
10/13/2006	2-3-80	0.0	0.0	-	no vegetation
10/13/2006	2-3-120	19.62	0.8	HM	<i>S. patens</i>
10/13/2006	2-4-40	40.13	2.6	MIX	<i>S. alterniflora</i> , <i>S. patens</i>
10/13/2006	2-4-80	35.83	9.02	HM	<i>S. patens</i>
10/13/2006	2-5-00	53.71	144.21	MIX	<i>Phragmites australis</i> , <i>S. alterniflora</i> , <i>S. patens</i> , <i>Iva frutescens</i>
10/13/2006	2-5-40	22.52	27.12	HM	<i>S. patens</i>
10/13/2006	2-5-80	16.08	15.05	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
2007					
10/18/2007	2-1-40	32.85	8.28	MIX	<i>S. alterniflora</i>
10/18/2007	2-1-120	58.12	-	MIX	<i>S. patens</i>
10/18/2007	2-1-160	48.16	-	MIX	<i>S. patens</i>
10/18/2007	2-2-00	52.48	3.54	HM	<i>S. pungens</i> , <i>S. patens</i> , <i>S. robustus</i>
10/18/2007	2-2-40	22.66	5.91	MIX	<i>S. pungens</i> , <i>P. purpurascens</i>
10/18/2007	2-2-80	-	20.01	HM	Dead <i>S. patens</i>
10/18/2007	2-3-40	32.79	6.1	MIX	<i>S. patens</i> , <i>P. purpurascens</i> , <i>S. cynosuroides</i>
10/18/2007	2-3-80	16.9	-	MIX	<i>S. alterniflora</i>
10/18/2007	2-3-120	82	1.2	HM	<i>S. patens</i> , <i>S. alterniflora</i>
10/18/2007	2-4-40	37.12	9.9	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/18/2007	2-4-80	27.59	18.33	HM	<i>S. patens</i> , <i>S. alterniflora</i>
10/18/2007	2-5-00	55.03	8.96	MIX	<i>S. patens</i> , <i>Phragmites</i>
10/18/2007	2-5-40	55.87	0.85	HM	<i>S. patens</i>
10/18/2007	2-5-80	44.45	1.48	MIX	<i>S. patens</i> , <i>S. alterniflora</i>

Notes: vegetation description listed in order of abundance
NS - not sampled
HM - high marsh vegetation
MIX - mix high marsh and low marsh vegetation
PHRAG - Phragmites dominated vegetative community
"." denotes no vegetation at sample station location