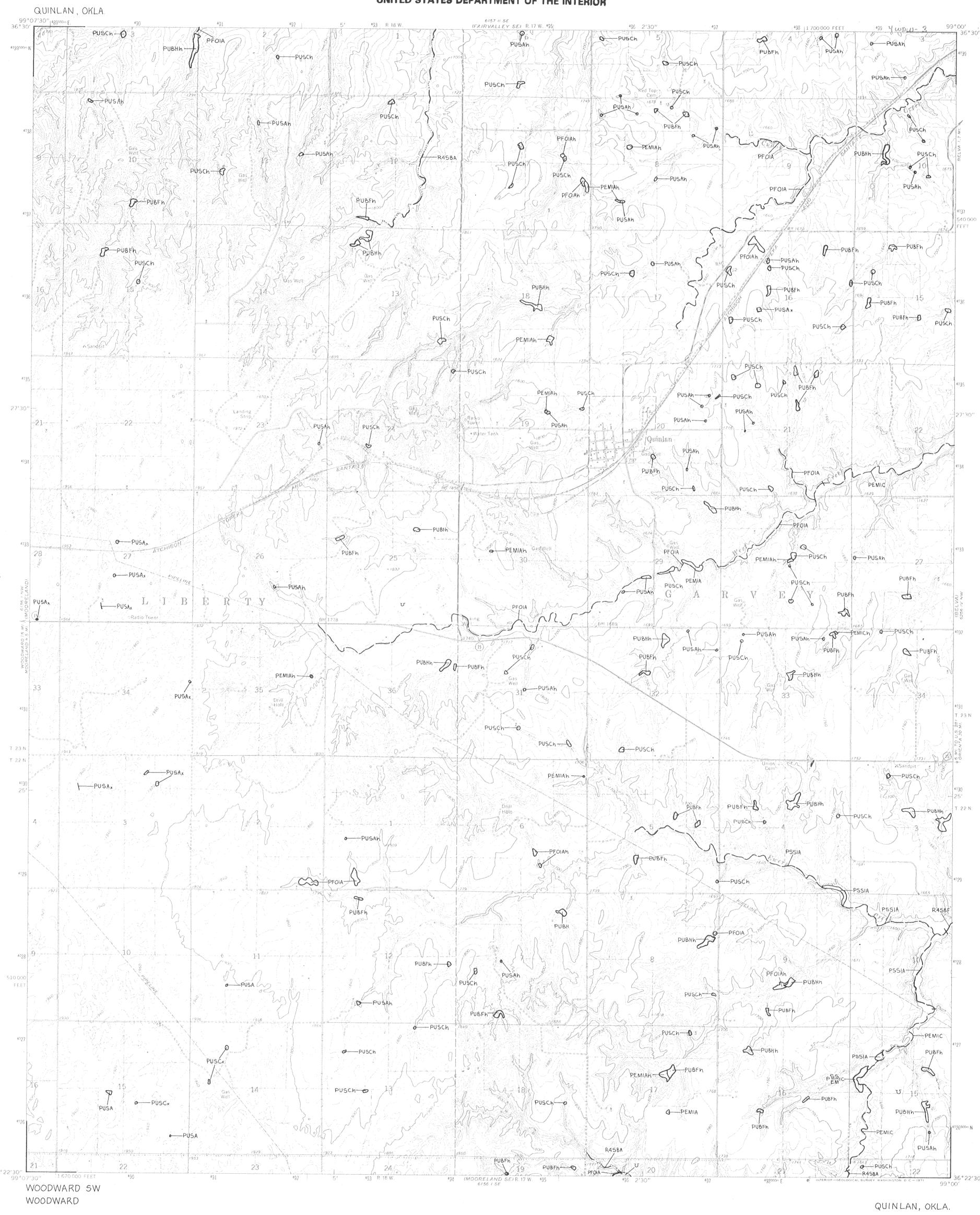
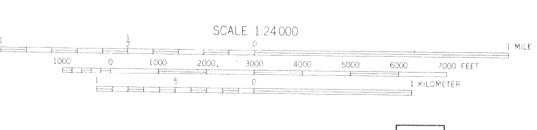
RECORDED BY M

NATIONAL WETLANDS INVENTORY UNITED STATES DEPARTMENT OF THE INTERIOR





Other information including a narrative report concerning the wetland resources depicted on this document may be available. For information, contact:

20 acres

2 - INTERTIDAL

M - MARINE

Regional Director (ARDE) Region II
U.S. Fish and Wildlife Service
P.O. Box 1306

1 - SUBTIDAL

☐ 1 acre

SYSTEM

SUBSYSTEM

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deepwater Habitats of the United States (FWS/OBS - 79/31 December 1979). The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on

this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

SYMBOLOGY EXAMPLE

SYSTEM
SUBSYSTEM
CLASS
L2EM2F
SUBCLASS, WATER REGIME
UPLAND'(NON-WETLAND)

UPLAND' (NON-WETLAND)

R20WH
(LINEAR DEEPWATER HABITAT)

NOTES TO THE USER
Wetlands which have been field examined are indicated on the map by an asterisk (*).
Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.
Subsystems, Classes, Subclasses, and Water Regimes in *Italics* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
Some areas designated as R4SB, R4SBW, OR R4SBJ (INTERMITTENT STREAMS) may not meet the definition of wetland.
This map uses the class Unconsolidated Shore (US). On earlier NWI maps that class was designated Beach/Bar (BB), or Flat (FL). Subclasses remain the same in both

2 - INTERTIDAL

E - ESTUARINE



U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Prepared by National Wetlands Inventory

1987

SYSTEM

SUBSYSTEM

U.S. Fish and Wildlife Service P.O. Box 1306 Albuquerque, New Mexico 87103	involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.	DATE: DATE:	

CLASS	RB — ROCK BOTTOM	UB UNCONSOLIDATED AI BOTTOM	B AQUATIC BED R	- REEF OW — OPEN WATER/ Unknown Bottom	AB — AQUATIC BED	RF — REEF RS — ROCK	Y SHORE US — UNCONSC SHORE	OLIDATED RB — ROCK BOTTO	UB — UNCONSOL BOTTOM	LIDATED AB — AQUAT		 W — OPEN WATER/ Unknown Bottom	AB — AQUATIC BED	RF — REEF	SB - STREAMBED	RS — ROCKY SHORE	US — UNCONSOLIC SHORE	DATED EM EMERGEN	T SS — SCRUB-SHRUB	FO - FORESTED	CLASS
Subclass	1 Bedrock 2 Rubble	2 Sand 3 3 Mud 5		Coral Worm	1 Algal 3 Rooted Vascular 5 <i>Unknown Submergen</i>	1 Coral 1 Bedrock 3 Worm 2 Rubble	1 Cobble Gravet 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vass 4 Floating Vas 5 Unknown S 6 Unknown S	scular Submergent		1 Algal 3 Rooted Vascular 4 Floating Vascular 5 <i>Unknown Submerge</i> : 6 <i>Unknown Surface</i>	3 Worm	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	2 Nonpersistent .	Broad Leaved Deciduous Needle-Leaved Deciduous Broad-Leaved Evergreen Needle-Leaved Evergreen Dead Deciduous 7 Fvergreen	Broad-Leaved Deciduous Needle-Leaved Deciduous Broad-Leaved Evergreen Needle-Leaved Evergreen Dead Ceciduous Ceciduous Cergreen	Subclass
SYSTEM				R F	RIVERINE								L - LACUSTRII	NE							SYSTEM
SUBSYSTEM	1 - TIDA	description of the second construction to the second construction of the se	2 – LOWER	PERENNIAL 3 -	UPPER PERENNIA	L 4 – INTERMI	TTENT 5 — UNK	NOWN PERENNIAL	graphs Scholaric and Commence a	1 — LIMI	NETIC	Managaran			1990 (1994) - Selekular Asilikos Errikand Prosidentarian (1994) (1994) (1994)	2 LIT	TORAL				SUBSYSTEM
CLASS	RB — ROCK	UB — UNCONSOLIDATEI BOTTOM	D *SB STREAM	BED A8 — AQUATIC BED	RS — ROCKY SHORE	US — UNCONSOLIDATED SHORE	**EM — EMERGENT	OW — OPEN WATER/ Unknown Bottom	R8 — ROCK BOTTOM	UB UNCONSOLIDA BOTTOM	TED AB AQUATIC BED	OW — OPEN WATER/ Unknown Bottom	RB — ROCK BOTTOM	UB — UNCONSO BOTTOM	DLIDATED AB — AQI BED	JATIC R	S — ROCKY L SHORE	US — UNCONSOLIDATED SHORE	EM - EMERGENT	OW — OPEN WATER/ Unknown Bottom	CLASS
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Grave 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent		1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergen 6 Unknown Surface		1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic 3 Rooted 9 4 Floating	Moss 2 Vascular Vascular n Submergent	Bedrock 1 Rubble 2 4	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	Orknown Solidin	Subclass
				nd comprises the only CLASS in t S. The remaining CLASSES are for		VI				alakak asan dan muupuu opap opa koristoolakii interi alikain eisa arken sausus	ANY CONTROL OF CONTROL	annada er rindiri musi andre elektrologische den eine eine er	eritähashitähittätiinisetikoisi-kirketenasioonin-yksynrutysenatarassaasentakahissa	MO	DIFIERS	PROPORTURBANDO COR SOCIALISTICA INTERNACIONALISTICA CON ARTOCONO CON ESCACIONAL CON CONTRACTOR CONT	eka diselbedikan kidan securun 1944 kila kip kirindikin hidan Kerane aliwaken arawa segil	_{gy} mnideneurolikuussikuus-teps-olge-bilge-bilge-bilke-bilke-bilke-sinninnsson-enssne-risses-sige-teps-teps	BREATHMAINIAN AND AN AND AND		en para de la companya de la company
	EMITTING CALL IS	STATE OF THE STATE	CUCINIMAL SUBSTSTEN	3 THE remaining CEASSES are to	and it an occordicate				0000 Managara 4 4 4 2 1		soil, or	In order to more special modifiers may b	adequately describe w	etland and deepw	vater habitats one or r	nore of the water r	regime, water chemistr	ry,			Na parameter de la constanta de

1 - SUBTIDAL

	ATTOTALISTS . L TIPAL ALIMPRALISMO AND ANABOLO																					
	*STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM **EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS. The remaining CLASSES are found in all SUBSYSTEMS.										MODIFIERS											
SYSTEM				P — PALU	JSTRINE					In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.												
							armonousanay		WATER RE	GIME		WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS						
CLASS	яв — поск воттом	– ROCK BOTTOM UB – UNCONSOLIDATED AB – AGUATIC BED US – UNCONSOLIDATED ML – MOSS-LICHEN EM – EMERGEN BOTTOM		SS — SCRUB-SHRU	SS — SCRUB-SHRUB FO — FORESTED OW — OPEN WATER! Unknown Bottom		Non-Tidal		Tidal		Coastal Halinity Inland Salinity pl					The second secon						
Subclass	1 Bedrock 2 Rubble 	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	Algal Aquatic Moss Rooted Vascular Floating Vascular Unknown Submerger Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic t 5 Vegetated	1 Moss 2 Lichen	1 Persistent . 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle -Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad Leaved Dec 2 Needle-Leaved De 3 Broad-Leaved Eve 4 Needle-Leaved Eve 5 Dead 6 Deciduous, 7 Evergreen	eciduous ergreen	A Temporarily Flooded B Saturated C Seasonally Flooded D Seasonally Flooded/ Well Drained E Seasonally Flooded/ Saturated F Sempermanently Floode G Intermittently Exposed	H Permanently Flooded J Intermittently Flooded K Artificially Flooded W Intermittently Flooded/Temporary Y Saturated/Semipermanent/ Seasonal Z Intermittently Exposed/Permanent U Unknown	L Subtidal M Irregularly Exposed N Regularly Flooded P Irregularly Flooded *These wat	* V Permanent-Tidal	1 Hyperhaline 2 Euhaline 3 Mixohaline (Brackish 4 Polyhaline 5 Mesohaline 6 Oligohaline 0 Fresh	7 Hypersaline 8 Eusaline 9 Mixosaline 0 Fresh	all Fresh Water a Acid t Circumneutral Alkaline	g Organic n Mineral	b Beaver d Partially Drained/Ditched 1 Farmed	h <i>Diked/Impounded</i> f r Artificial Substrate s <i>Spoil</i> x Excavated			