

MAPPING CONVENTIONS - TULARE BASIN CALIFORNIA

1. 1985 Mapping Conventions will be adhered to. However, no subclasses will be used.
2. Split classes should be used sparingly.
3. Irrigation canals are artificially controlled and should be classified R4SBKx. If concrete lined the artificial substrate modifier (r) will also be used (R4SBKrx).
4. Natural streams - follow topo.
 - Perennial use "H" (permanent water regime)
 - intermittent use "C" (seasonal water regime) exceptions
 - * - if topo shows perennial but photo shows no water - use "C"
 - * - if topo shows perennial but no water in field - use "C"
6. Vegetated streams and rivers: as a general rule perennials on topo will indicate seasonal flooding, whereas intermittents on topo will indicate temporary flooding. Otherwise go with your photo return where possible to decide appropriate water regime. In Emergent areas darker red return will indicate seasonal flooding where as lighter red to pink will indicate temporary flooding. In forested and scrub-shrub areas the denser darker red canopy with the darker understory will indicate seasonal flooding whereas a lighter red canopy with a sparse unerstory will indicate temporary flooding.
7. Linear wetlands in mountainous areas should be delineated on a conservative basis. Show hydrologic connection when delineting these wetlands. Avoid short disjointed linears.
8. The artificial water regime (K) will be used where pumps and/or siphons control the duration and amount of flooding. Example being treatment plants, and some wildlife management areas where flood controls (pumps and levees) are used to attract wetland wildlife. Kern and Pixley wildlife refuges are good examples of flood control in wildlife management areas. Field reconnaissance was conducted in these areas and appropriate water regimes and modifiers will be used.
9. Small ponds and impoundments will be classified PUBH,F (x,h). Small excavated ponds on the Bakersfield 1:250,000 and noted as "numerous small reservoirs" were permanent on topo yet dry at time of field work. These will be classified as PUBFx. Water regimes will vary in the work areas depending on annual rainfall. The mountainous areas in the Fresno NW 1:100,000 will have higher annual rainfall therefore more permanent water regimes will be used for impounded and excavated ponds. The southern San Joaquin Valley is much dryer and more semi-permanent water regimes will be used for there excavated and impounded ponds.

MAPPING CONVENTIONS - TULARE BASIN CALIFORNIA (cont)

10. The Tulare Lake basin was flooded on the photography, yet farmed at time of field work. Collateral information received at the Visalia SCS field office indicated the basin floods maybe once in every 10-20 years and is artificially drained with pumps when flooding occurs. We classified Tulare Lake as a farmed wetland (Lf).

Percolation ponds; these areas were also farmed at time of field work. We will also use the farm modifier on these areas (Pf or Lf). These percolation ponds are used for holding surplus water when necessary.

12. Riparian forested areas: these areas on the photography were hard to determine the A-C break. It will be necessary to use all collateral data (topo, soil, etc.) to make this subtle break.
13. Iodine bush/salt grass/salt flats "J" areas are mixed gray/white returns on photography - try to generalize these areas. These returns are mixed however it is possible to pull out white areas as PUSJ, smooth gray areas as PEMJ, and darker gray as PSSJ.
14. Seeps; these were numerous in mountainous areas exhibiting a varied return ranging from pink to red with degree of wetness. These seeps, will be classified PEMB. Springs; springheads exhibiting open water on photo will be classified PUBF. Springheads exhibiting emergent vegetation will be classified according to photo return.
15. Soda Lake; this salt lake located in the Bakersfield SW 1:100,000 was dry at time of field review. However, collateral information received at the Visalia, SCS field office indicated the lake flooded seasonally.

NWI #1

CONVERSATION RECORD		DATE	TIME	Conference _____ Visa _____ Telephone _____	Incoming _____ Outgoing _____	ROUTING	INITIALS
NAME OF PERSON CONTACTED OR IN CONTACT WITH YOU 1) Peters Regan 1				AGENCY TWS			
CONTRACT NO / SUBJECT # 1336 T1							
SUMMARY OF CONVERSATION							
<p>1) Discussion of field conversions - S</p> <p>2) Will send few photos of complex area by 12/13/85</p> <p>3) Include classification of alkalai flats in field conversions - use of C/US split class ??</p> <p>4) Use of K water regime for irrigation canals - OK with D. Peters</p> <p>* Les V. (last) discussed this with Ben Hamilton on same day - Ben said not to use "K" water regime!</p>							
ACTION REQUIRED - Need to determine whether to require irrigation canals							
ACTION TAKEN - D.T. will call later							
NAME OF PERSON DOCUMENTING CONVERSATION H. ...				SIGNATURE		DATE 12/1	

MARKET LABORATORIES, INC.

CONVERSATION RECORD		DATE:	TIME:	Conference _____ Video _____ Telephone _____	Incoming _____ Outgoing _____	ROUTING	INITIALS
NAME OF PERSON CONTACTED OR IN CONTACT WITH YOU <i>D. Peters</i>			AGENCY <i>FWS</i>				
CONTRACT NO./SUBJECT: <i>Tulare Basin # 4336</i>							
SUMMARY OF CONVERSATION							
<p>1) D.P. - use "K" water, regime only for navigation canals - Do not use "F" or "C" in combination R45BKx</p> <p>2) Only on major waterways use "H" along with "F" Friant-Kern Canal Calif aqueduct R20BK17x</p>							
ACTION REQUIRED: <i>I will have to go back on all plots. Will meet above names.</i>							
ACTION TAKEN							
NAME OF PERSON DOCUMENTING CONVERSATION				SIGNATURE			
				<i>[Signature]</i>			