| | Tier (1=Priority) | Name | Format | PM decription | Units | Temporal | Notes |
|---|---|---|---|---|---|---|---|
| **Hydrologic, nutrient & vegetation PMs** | 1 | CattailDens_Map | map | Biomass of cattail (and all macrophytes) | g C/m² | Year-end macrophyte biomass every 5 yr | Need for ea run & as difference |
| | 1 | SoilP_Map | map | Soil TP concentration in the upper 10 cm layer (not including floc) | mg/kg | Year-end soil TP concentration rate every 5 yr | Need for ea run & as difference |
| | 1 | SoilPAccum_Map | map | P accumulation rate within the entire ecosystem (virtually all in soil) | mg P/m²/yr | P accumulation rate every 5 yr | Need for ea run & as difference |
| | 3 | PeatAccretion_Map | map | Peat accretion rate | mm/yr | Period of simulation peat accretion rate | |
| | 2 | TP_MapWetYr, TP_MapDryYr, TP_MapAvgYr | map | Surface water TP concentration, for a wet, dry, & average year at end of wet & dry season | ug/L | Daily mean (30-d bin), 1 May & 1 Oct | Need for ea run & as difference |
| | 2 | AreaTP>10 | table (and maps) | Annual mean area where surface water TP concentrations are > 10 ug/L | hectares | annual geometric mean | Need for ea run |
| | 2 | TPLoadIn, TPLoadOut | table | Cumulative TP loaded into & out of WCA2A each year | metric tons | annual sum | Need for ea run |
| | 2 | WaterLoadIn, WaterLoadOut | table | Cumulative water volume loaded into & out of WCA2A each year | thousands acre-ft | annual sum | Need for ea run |
| | 3 | WestStage_GraphEDEN11 | graph | Daily mean stage at EDEN11 | m NGVD29 | daily mean | hydrograph from key station downstream of STA2 |
| | 3 | NorthStage_GraphE1 | graph | Daily mean stage at E1 | m NGVD29 | daily mean | hydrograph from key station in area targeted for Active Marsh Improvement |
| | 3 | CentralStage_GraphF4 | graph | Daily mean stage at F4 | m NGVD29 | daily mean | hydrograph at F4 |
| | 3 | CentralStage_GraphU3 | graph | Daily mean stage at U3 | m NGVD29 | daily mean | hydrograph near gauge 2-17 |
| | 3 | SouthStage_GraphU1 | graph | Daily mean stage at U1 | m NGVD29 | daily mean | hydrograph that could pick up effects from canal bordering WCA2B |
| **Wading Bird (hydrologic suitability) PMs** | 1 | WBdepth_dry, WBdepth_subopt_dry, WBdepth_opt, WBdepth_subopt_wet, WBdepth_wet | table & bar graph | Mean area within each of 5 wading bird depth categories for each wading bird breeding season | hectares | Mean for each breeding season (Dec - May) for all years | See detailed Bird_categories sheet for categories |
| | 1 | WBdepth_Dec, WBdepth_Jan, WBdepth_Feb, WBdepth_Mar, WBdepth_Apr, WBdepth_May | table & bar graph | Mean area within the optimal depth category (WBdepth_opt) for each month of the breeding cycle | hectares | Monthly mean for ea breeding season month (Dec - May) for all years | See detailed Bird_categories sheet for categories |
| | 1 | WBdepthWetYr_Map, WBdepthDryYr_Map, WBdepthAvgYr_Map | map | Depth for 2 selected days in breeding cycle over 3 selected years | cm | 2 days per breeding cycle (mid Jan & mid April) for a wet, a dry, and an average year | Symbology fitting 5 wading bird depth categories; need for ea run & as difference |
| | 1 | WBrecc_srev, WBrecc_rev, WBrecc_subopt_slow, WBrecc_opt, WBrecc_subopt_fast, WBrecc_fast | table & bar graph | Mean area within each of the 6 wading bird 2-wk recession categories (including severe reversal category) for each wading bird breeding season | hectares | Mean for each breeding season (Dec - May) for all years | See detailed Bird_categories sheet for categories |
| | 1 | WBrecc_Dec, WBrecc_Jan, WBrecc_Feb, WBrecc_Mar, WBrecc_Apr, WBrecc_May | table & bar graph | Mean area within the optimal 2-wk recession category (WBrecc_opt) for each month of the breeding cycle | hectares | Monthly mean for ea breeding season month (Dec - May) for all years | See detailed Bird_categories sheet for categories |
| | 1 | WBreccWetYr_Map, WBreccDryYr_Map, WBreccAvgYr_Map | map | 2-wk recession rate for 2 selected days in breeding cycle over 3 selected years | cm/wk | 2 days per breeding cycle (mid Jan & mid April) for a wet, a dry, and an average year | Symbology fitting 6 wading bird recession categories (including severe reversal category); need for ea run & as difference |