

DELTA TIMELINE-UPDATED

Last update 12/3/2013 DELTA TIMELINE compiled by N. Suard, Snug Harbor Resorts, LLC on Steamboat Slough, Ryer Island draft		
A REVIEW OF DELTA HISTORY 1840 to 2012 using links to ORIGINAL MAPS and DOCUMENTS of the past 160+ YEARS		
	<p>Data has been compiled to preserve Sacramento San Joaquin Delta history, as many Department of Water Resources documents published in the last 8-10 years have provided both false and misleading information regarding Delta history, flood risk, seismic risk, water exports and ecosystem status. Online references provided as noted below and may also be available by year of publication at http://deltaREvision.com Many of the historic Delta maps are found at http://www.deltarevision.com/Delta_maps/Delta_Maps.htm If you don't know about the Sacramento San Joaquin Delta region, here's a short video you might want to see first: http://www.youtube.com/watch?v=hLmpVV3bq9M or go to</p>	<p>Data compiled by N. Suard, Esq. First Published January 2012 (& often updated) by Snug Harbor Resorts, LLC a peninsula off Ryer Island by Steamboat Slough in the Sacramento San Joaquin Delta region of Northern California.</p> <p>For Educational uses only. Copyright 2012-2013 (this document, not the links)</p>
DELTA HISTORY AS SHOWN IN DOCUMENTS , BOOKS, MAPS AND RECORDS OF THE PAST You might find that true Delta History is different than what DWR and the Delta Plan want you to believe.		
YEAR	EVENTS PROVIDED BY THE REFERENCES USED AND MAY BE SUBJECT TO REVISION	DESCRIPTION
1840s	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1840delta.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1850_mining_districts.jpg	John Sutter settled in Sacramento: He considered the proximity of two mighty rivers the American and Sacramento a significant benefit to the fledgling settlement.
1850-1852	http://www.davidrumsey.com/luna/servlet/view/search?QuickSearchA=QuickSearchA&q=1852+sacramento+iver&sort=Pub_List_No_InitialSort%2CPub_Date%2CPub_List_No%2CSeries_No&search=Search http://www.deltarevision.com/2011/historic-timeline/historic_maps/1852_steamboat-middle_fork_travel.pdf http://www.deltarevision.com/2011/historic-timeline/historic_maps/1850map.jpg http://ccrm.berkeley.edu/resin/pdfs_and_other_docs/background-lit/EarlyReclamationandAbandonmentofDelta.pdf	Short video recounting the first official survey of the Sacramento River by Commander Caldwell in 1852: http://www.youtube.com/watch?v=kSZTiieucg4&feature=mfu_in_order&list=UL or http://snugharbor.net/old_sacramento_river-video.html
1853	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1853_sac_delta.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1853_blake_geology_map.jpg	Explorations Geologist Blake map
1854	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1854_sacramento_river.jpg	Closer look at Rio Vista area
1854	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1854official_map_of_california.jpg	Official county map of California...but the county lines later change (See Solano and Sacramento)
1855	http://www.deltarevision.com/2011/historic-timeline/historic_maps/san_joaquin_river_1860.jpg	Sacramento River floods & what the area looks like in

	http://www.deltarevision.com/2011/historic-timeline/historic_maps/hutchings_sacramento_san_joaquin_steamboat_routes1860s-5.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1849_sacramento.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/photos/794px-Yosemite_(sidewheeler)_near_Galbraith_dock.jpg http://snugharbor.net/images2010/steamboat_slough_defined.jpg	sketches
1855	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1855_california_survey.jpg	Public survey but it appears some of the delta area is not surveyed
1862	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1860_steamboat_travel_steamboat_slough.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/ferry_landing-grand.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1850s_steamboat_races4.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1850s_steamboat_races1.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1856_river_landings.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/hutchings_california_magazine.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1867_california_steam_navigation_co_route_up_steamboat_slough.jpg	Quote about Steamboat Slough from Hutchings Sketch of farm on Grand Island Description of life on a steamboat Travel times Mr. Hutchings California Magazine
1860's	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1860s_stagecoach_travel_routes.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1865_steamboat_sacramento_routes.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1865_rr_map.jpg	Overland routes. RR travel A look at the seaports. By 1868...American River Rechannelized: In an effort to create faster flows that might scour out mining debris, Sacramento officials straightened the last two miles of the American River. When the project was completed in 1868, the American joined the Sacramento River about a mile upstream of its old location.
1860s	http://snugharbor.net/images-historic/delta_banks1860s.jpg	May be miners slough or steamboat/sutter? Shows silting
1866	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1866land_grants.jpg	Map of land grants
1867	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1867topo.jpg	
1869	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1865delta.jpg	Lands of the Tidelands Reclamation Company
1871	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1871_solano_county.jpg	Notice sac river

1871	http://www.deltarevision.com/1848-1989_docs/1871salmon_steamboat_slough_hutching.pdf	Detailed description of how many salmon are found at the confluence of Steamboat Slough, Sacramento River and Cache Slough area
1873	http://www.davidrumsey.com/luna/servlet/detail/RUMSEY~8~1~1635~180047:Map-Of-The-San-Joaquin-Sacramento-	Often used map. Shows the “overflowed lands” to be irrigated. Look at map key. Shows existing channels
1873	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1873_sacramento_san_Joaquin_tulare_map.jpg	Often used map at drv. Land sold to persons to farm and improve
1875	http://www.deltarevision.com/1848-1989_docs/Minis_1875_1877.pdf	\$2 per acre to be reclaimed
1876	http://snugharbor.net/images-historic/1875shd_map.jpg	Example of survey and deed
1876	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1876_norcal_rr.jpg	Railroads, ownership and counties. Note delta waterways
1880	http://www.deltarevision.com/Issues/waterflow/video/sacramento_river_future.jpg	Illustrated Wasp Sketch as shown at Sacramento Historic Society website revised per 2002 copyright notice-original sketch was reflective of political push to get mining debris out of Steamboat Slough and “Old River” Sacramento Hall Plan for Flood Control of the Sacramento and Delta region. The 2011 cartoon reflects the same issue in effect, the destruction of the natural waterways of “Old River” Sacramento and Steamboat Slough by man-made problems
1886	http://www.deltarevision.com/Issues/waterflow/1886_San_Joaquin_River_Delta.JPG	Section of survey map of lands that are good for irrigation...promoting the reclamation of the whole Delta region. Also shows which islands were already reclaimed and/or named at this time
1886	http://www.davidrumsey.com/luna/servlet/detail/RUMSEY~8~1~207679~3003423:California-State-Engineering-Depart?sort=Pub_List_No_InitialSort%2CPub_Date%2CPub_List_No%2CSeries_No&qvq=q:sacramento%2Bsan%2Bjoaquin%2Bdelta;sort:Pub_List_No_InitialSort%2CPub_Date%2CPub_List_No%2CSeries_No;lc:RUMSEY~8~1&mi=3&trs=4 http://snugharbor.net/images2010/steamboat_slough_old_shipwrecks.pdf http://snugharbor.net/images2011/deltastuff/1887-delta.jpg Section of very large Hall map , showing the area we call the “legal Delta” today	Hydraulic mining fills up the ravines and delta main channels: Sac Bee graphic, other info 1880 First Comprehensive Flood Control Plan: In response to the 1878 flood, State Engineer William Hammond Hall developed an integrated, comprehensive flood control plan for the Sacramento Valley. The plan subsequently came to include a system of levees, weirs and bypass channels to protect existing population centers.
1892	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1892_california.jpg	State trade board: counties and roads/rr
1894	http://www.deltarevision.com/1848-1989_docs/1894SteamboatSloughChannel.pdf	About steamboat slough and how its silted in
1985	http://deltarevision.com/1848-1989_docs/sacramento_shipwrecks1.pdf	Dwr shipwrecks summary

1895	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1895_randmcnally_saccountyoff.jpg	Solano vs sacramento
1895	http://www.deltarevision.com/2011/historic-timeline/historic_maps/old_norcal_bikemap.jpg	Biking trails!
1896	http://www.deltarevision.com/2011/historic-timeline/historic_maps/ryer1896.jpg	Ryer and Longpoint
	http://www.spk.usace.army.mil/projects/civil/Delta/Index.html http://www.spk.usace.army.mil/projects/civil/Delta/Docs/Plate2.pdf http://www.deltarevision.com/1848-1989_docs/1894SteamboatSlough-YoloBypass.pdf	USACE description and links
1901		State population is 1.6 million. The Federal Reclamation Act is passed, passed on the Hall Plan from 1886 and influenced by the Marshall plan
1906	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1908delta_survey_cover.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1908_map_chart.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1908_san_joaquin_survey_sample.jpg	Delta survey shows the island names as they are today & levees and subsidence of that time. Also show modern Delta map that will be base map for Delta Videos
1906		SF earthquake...no levee fails
1908	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1908_ca_board_of_trade_ship_routes.jpg http://www.deltarevision.com/1848-1989_docs/steamboat_slough_old.pdf	Map shows shipping channels, use of Steamboat Slough
1911		State Reclamation Board is formed
1912	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1912ca_atlas.jpg	Counties seem set. Steamboat main channel
1913	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1913Ryer-sh.jpg	Shows ferry landing and other landings
1913	http://deltarevision.com/1848-1989_docs/1913_delta_floods_summary.pdf	Summary of delta flooding
1914		Surface Water Rights Law is revised
1917		Congress authorizes Sacramento Flood Control System: After a series of violent floods between 1902 and 1909, the Comprehensive flood control project envisioned by Hall gained federal financial authorization in 1917.
1923	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1921_steamboat_slough_navigation.JPG	Report to congress to improve delta navigation
1925	http://deltarevision.com/1848-1989_docs/1925_report_to_congress_Delta_river_navigation.pdf.pdf	First section of Delta floods timeline-focus
1927		St. Engineer Hayatt begins a study of the Central Valley Project (CVP) influenced by the Marshall Plan
1927	http://snugharbor.net/images-maps/1927delta.jpg	Delta king and Queen route
1927	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1927_dwr_bullitin.jpg	State planning but it becomes a federal project

1929	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1929_delta.jpg	Soundings and planning
1929		Market crash & the start of the Great Depression nationwide
1930	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1930_CalWaterPlan.pdf	Copy of the water plan
1930	http://www.deltarevision.com/2011/historic-timeline/historic_maps/delta_timelines.pdf	Flood timeline look at period before 1930 Delta Salinity investigation begins. Measure is 1 ppt, which is a very low level of brackish water)
1933	http://deltarevision.com/1990-1999_docs/1933SanJoaquin.jpg	CA voters approve CVP; Federal Authorization of Central Valley Project & Dredging of Stockton Deep Water Channel (can bring in salt water at low fresh water flows)
1935	http://deltarevision.com/images/historic/1935soils.jpg	Soil survey and navigation
1935		President Roosevelt releases emergency funds to CVP to build it, creating jobs for California USBR is the builder
1936	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1936_delta_uplands.jpg	North Delta is uplands
1937	http://www.lhc.ca.gov/studies/activestudies/watergovernance/MilliganJun09.pdf http://www.spk.usace.army.mil/organizations/cespk-co/regulatory/program.html http://www.spk.usace.army.mil/organizations/cespk-co/regulatory/section10text.html http://www.spk.usace.army.mil/organizations/cespk-co/regulatory/ca_waterways.html http://www.usbr.gov/history/cvpintro.html	Quote about 1937 Rivers and harbors act-page 6 Nations most valuable resource More on the codes Rivers and harbors of California Usbr history
	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1940sacriver_flood_farmers.jpg	Photo of floods
1940s	http://baydeltaoffice.water.ca.gov/DeltaAtlas/03-Waterways.pdf	Delta atlas from dwr docs
1940		Export begins via Contra Costa Canal
	http://www.deltarevision.com/california_delta_1930s_to_1980s.htm	Documents from 1930-1970s
1941	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1941_california_oil_and_gas_map_ad.jpg http://www.deltarevision.com/1848-1989_docs/Soil%20Survey%201936%20Issued%2007-1941.pdf	Construction, pipes, dams, etc Soil survey report
1944	http://www.safca.org/history.html	Shasta Dam and Reservoir construction also Folsom
1945	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1945_pge_water_resources.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1945_swp_survey_plans.jpg	Dams for power and flood control and recreation Central canal shown
1948		Contra Costa Canal system completed
1949	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1949_central_valley_project_cover.jpg	Central canal proposed...same as the “fresh water

	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1951_dwr_planning.pdf huge doc to open http://www.deltarevision.com/1848-1989_docs/sac_river_deep_water_ship_channel_project_1949_07.pdf	corridor” and “central conveyance” and other current planning names
1949	http://deltarevision.com/1848-1989_docs/dwr_1949_port_channel_hydro_analysis.pdf http://deltarevision.com/1848-1989_docs/sac_river_deep_water_ship_channel_project_1949_07.pdf	Analyzing sac ship channel
1951	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1951_dwr_planning.pdf	Delta-Mendota Canal and Delta Cross Channel initial units of CVP completed
1952		Delta-Mendota Canal completed – 4,6000 cfs from Tracy Pumping Plant delivers 3,210 cfs to Mendota canal
1952	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1952_usgs.JPG	Topo of the delta waterways
1954		
1955	http://www.deltarevision.com/1848-1989_docs/corps_oma_manual_for_fremont_weir_to_sac_weir.pdf	Yolo bypass weirs
1956	http://deltarevision.com/images/historic/reclaimed_islands.jpg	
1959	http://deltarevision.com/1848-1989_docs/Pacific%20Historian1959_delta_history.pdf	Dr. John Thompson on the Delta...note his map of Sac river
1959	http://www.water.ca.gov/pubs/dwrnews/dwr_news_people_fall_2010/news-people-fall2010.pdf 2010 summary included	Burns-Porter Act and Delta Protection Act
1960	http://www.water.ca.gov/swp/history.cfm	Voters approve State Water Project financing, launching the State Water Project (SWP) & Sacramento River Flood Control Project completed. See 110 year flood timeline
1961	http://www.water.ca.gov/swpao/docs/wsc/ACFC_O_C.pdf	Zone 7 water rights
1960	http://www.deltarevision.com/2011/historic-timeline/historic_maps/ca_water_development_map.jpg	Modern map showing history of development of water projects
1963	http://www.deltarevision.com/1848-1989_docs/Physical%20environment%20and%20agriculture%20of%20sacramento.pdf	Soil survey of Delta
1963		Sacramento Deep Water Channel construction
1965	http://www.deltarevision.com/1848-1989_docs/1965-66_canal_proposal.pdf	Central canal proposal and Interagency Delta Committee report recommends Peripheral Canal
30-66	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1930-1966_flooding-dwr.jpg	DWR flood map and Flood timeline-second section
1966	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1966fish_studies.jpg	Fish studies ongoing
1967		Adoption of ag salinity standards of Water Right 1275-

		water rights for the SWP Oroville Dam & Fish Hatchery and Delta Pumping Plant & fish facility
1968		Adoption of Resolution 68-17, a water quality policy for the Delta D-1379?
1968	http://snugharbor.net/images2010/webcam/steamboat_slough_1968.jpg	Delta boating on ss
1971	http://www.waterrights.ca.gov/hearings/decisions/WRD1379.PDF	Delta Water Rights D-1379: conditions o operation of CVP and SWP to protect fish & wildlife
1972	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1973_delta_boating.pdf http://www.deltarevision.com/2011/historic-timeline/historic_maps/1972_delta_soils.JPG	Delta recreation Delta soils
1973		Adoption of Resolution 73-16 re State water quality control for the Bay/Delta. California Aqueduct completed to Southern California & Way Bill-Delta Levee maintenance
1973	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1973_ryer_island_soils.jpg	Soil surveys and planning for dredging
1974		North Delta Water Agency forms to represent North Delta land owners, which result in the NDWA contract & water quality and flow protections. 1980 contract
1975	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1975_central_valley_project_water_distribution.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1975_central_valley_project_water_distribution.jpg http://www.deltarevision.com/2011/videos/waterflow/1976.jpg	Good maps showing how/where water is delivered
	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1975_delta-flooding-dwr_Page_3.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1975_delta-flooding-dwr_Page_2.jpg http://deltarevision.com/maps/islands_floods_levees/1975_delta-floods-dwr.pdf http://deltarevision.com/maps_historic/1975_controlled_flood_islands_of_the_delta.jpg	Controlled flooding in 1975 DWR issue plan for Delta Levee Improvements and Brian Atwater and crew begin Delta map studies
1975	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1_delta_timeline_dwr.pdf	DWR review of the Delta population and recreation facilities
1977	http://snugharbor.net/images-historic/1977SNUG_SOIL_SURVEY.jpg http://www.deltarevision.com/images/pdfs/1977SacDelta_report.pdf	Sample of a soil survey of the delta Water policy history paper
1977	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1977_delta_monitoring_stations.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/diversions.gif http://www.deltarevision.com/2011/historic-timeline/historic_maps/maxsalt_21to43.gif http://deltarevision.com/1848-1989_docs/Pacific%20Historian1959_delta_history.pdf	Monitoring water quality
1977	http://www.deltarevision.com/1848-1989_docs/1965-66_canal_proposal%20(2).pdf http://www.deltarevision.com/1848-1989_docs/Turrentine-Jackson-1977.pdf	New approach to p canal Review of water policy

1978	http://www.waterrights.ca.gov/hearings/decisions/WRD1485.PDF	SWRCB issues Water Rights decision: D-1485. Adoption of 1978 WQCP -Delta & Suisun Marsh
1980	http://www.water.ca.gov/swp/milestones.cfm	Senate Bill 200 specifies Peripheral Cana
1980		State reviews old deeds and land grants in the Delta...notes if mineral rights were reserved...or not, because state is leasing out rights for natural gas wells on state properties
1981	http://northdw.com/Documents/NDWA%20Contract.pdf http://deltarevision.com/1848-1989_docs/1981_NDWA%20Contract.pdf	Ndwa contract to assure water quality
1981	http://ryerisland.com/images/maps/google/usgs_longpoint.jpg	Other ryer named
1982	http://www.water.ca.gov/swp/milestones.cfm#1980	Voters overwhelmingly defeat Proposition 9, the Peripheral Canal
1982	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1982_atwater_survey_of_the_delta_isleton-sh.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/1982_atwater_survey_of_the_delta_key.jpg	Atwater maps compare levee locations in 1852 to current. Bond act turned down.
1983		Record rain year with substantial Delta flooding-some Delta residents feel flooding was unnecessary and an intentional "punishment" for opposition to the peripheral canal
1984	http://www.deltarevision.com/1848-1989_docs/1982_dwr_delta_flood_history.pdf	1984 review of floods
1985	http://aquadoc.typepad.com/waterwored/2009/10/video-presentation-lloyd-g-carter-on-californias-water-mess.html	Selenium is recognized as a toxin runoff from areas of Westside Water Agency, lower Central Valley
1985	http://www.snugharbor.net/images-historic/Pacific%20Historian1959_delta_history.pdf	Dr. John Thompson, often quoted in DWR docs, did summary for Pacific Historian
1986		Coordinated Operating Agreement between State and feds to determine the respective water supplies of the CVP and SWP while allowing for a negotiated sharing of Delta excess outflows and the satisfaction of in-basin obligations between the projects
1986		SWP 4-pumps agreement with DWR and FWS for offsetting adverse fishery impacts by diversions
1986		Record waterfowl-Delta flooding-see time line. CVP/SWP Coordinated Operation Agreement & DWR-DFG fishery mitigation agreement

1986	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1986_california_earthquakes-locations.jpg	Seismic study of California
1986	http://deltarevision.com/1848-1989_docs/1986-tyler_island_flood.pdf	100 year flood in the Delta. Look at who flooded... Record Flood: The February 1986 storm dumps 10 inches of rain on Sacramento in 11 days. The American River dumps more water into Folsom than it is designed to handle. After 2 days of releases at the design level, (115,000 cubic feet per second (cfs)), officials boost releases to 134,000 cfs. Folsom performance downgraded to about a 60-year storm.
1988		North Bay Aqueduct and Suisun Marsh salinity control gates & Senate Bill 34 to rebuild Delta Levees: Delta Food Protection Act of 1988 South Delta Control barriers-temp
	http://www.deltarevision.com/2011/historic-timeline/historic_maps/1990s_doc_studies.jpg	Uplands and lowlands
1988	http://www.deltarevision.com/maps/Delta_historic_maps/1980s_delta_wetlands_storage.jpg	Delta wetlands or ids In-Delta water storage -select Delta islands proposed by the corporate land owners of those islands
	http://www.deltarevision.com/maps/salinity-toxins/maxsalt_44to90.gif http://www.deltarevision.com/maps/salinity-toxins/maxsalt_21to43.gif	Wq measured as 1000 parts chloride per million parts of water
1990	http://www.deltarevision.com/maps/salinity-toxins/1990salt.jpg	State population is 30 million. Improvements to Delta levees begin to be implemented regionally. Repot map shows how water flows in the Delta
1991	http://www.deltarevision.com/maps/salinity-toxins/1991_usgs.jpg http://www.deltarevision.com/maps/salinity-toxins/delta_salinity.jpg	USGS hydraulic region for Sacramento included part of the Delta
1991		Four new pumps added to Banks Delta Pumping Plant. Adoption of 1991 WQCP for Salinity for Bay & Delta. EPA disapproval
1992		D 1630-interim water rights terms and conditions for CVP and SWP: Delta Protection act of 1992 & Federal CVP Improvement Act (CVPIA)(PL 102-575) & Governor's Water Policy-Bay-Delta Oversight Council
1992		Mandated changes to the CVP for the protection, restoration and enhancement of fish and wildlife
1993		Governor requests SWRCB to cease work on D-1630 and develop long-term standards. USFWS issues biological opinion for Delta Smelt under Endangered Species Act
1993		FWS BO for Delta Smelt and Sacramento Spittail

1994	http://www.calwater.ca.gov/content/Documents/library/SFBayDeltaAgreement.pdf http://www.calwater.ca.gov/content/Documents/new_final_framework.pdf	NOAA issues biologic opinion for winter-run Chinook salmon. Bay-Delta Accord, Delta WQ standards & CALFED Bay-Delta Program funding
1994	http://www.water.ca.gov/environmentalservices/docs/mntry_plus/FEIR.pdf page 124	Summary of Monterey Agreement-SWP transfers and allocation of water rights
1995	http://calwater.ca.gov/content/Documents/library/SFBayDeltaAgreement.pdf http://www.water.ca.gov/swpao/docs/bulletin/95/view/figures/figi-1.htm http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/wq_control_plans/1995wqcp/docs/1995wqcpb.pdf	SWRCB issues water quality control plan for bay & Delta (1995 Bay-Delta Plan); adopts Water Right Order 95-6 to amend permits for CVP & SWP
1994	http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/wq_control_plans/1995wqcp/admin_records/part05/430.pdf	Biological effects on fish
1995		Monterey Agreement
1990s	http://www.deltarevision.com/1990-1999_docs/delta_wetlands_project1995.jpg	Waterflow timeline showing exports. Waterflow timeline showing fish decline.
1995	http://www.water.ca.gov/iep/newsletters/1995/IEPNewsletterSummer1995.pdf	page 10 usgs page 12
1995	http://ryerisland.com/images/gov-pdfs/seismic/1995soil_sample_map.jpg	Other ryer island soils samples: Gas and Oil explorations in the Suisun Marsh area
1996	http://www.deltarevision.com/1990-1999_docs/1996-CALFED_fish_species_report.pdf	Fish problems
1996	http://www.thefreelibrary.com/MWD+board+adopts+25-year+plan+for+Southern+California's+water...-a017996182	MWD (MET) finalized and IRP which includes a focus on the Delta and \$7 billion investment in future water infrastructure resources.
1997		High precipitation winter results in flooding of some areas of the Delta: See flood time line for 110 years Record Flood: The fifth record flood in 46 years occurs over the New Year's holiday. ..with some controlled flooding of Delta islands and waterways
1997	http://depts.washington.edu/calfed/puzzshall.pdf	Breach studies
1997	http://www.water.ca.gov/iep/newsletters/1998/winter/Red%20Tide%20in%20Berkeley%20Marina%20Raises%20Concern%20for%20Toxic%20Blooms%20in%20Central%20Bay.pdf	calfed influenced 1997
1998	http://articles.washingtonpost.com/2011-12-16/opinions/35287573_1_shale-gas-barnett-shale-shale-formations http://cgmf.org/p/timeline_obituary.html http://www.deltarevision.com/2001_docs/2001-oil-gas.pdf http://www.deltarevision.com/maps-surveys/2000-to-now/naturalgasMap610.pdf	"Fracking" begins, which uses water and chemicals to mine gas and oil. In 1998, George Mitchell a Texas Oilman, is credited by many with the development of a revolutionary method he called Slick-water Fracturing that combined the technologies of vertical hydraulic well drilling with horizontal drilling or tunneling. State compiles records of known natural gas, water well and oil drilling, publishing highly detailed maps in 2001

1998	http://cdm15024.contentdm.oclc.org/utills/getfile/collection/p178601ccp2/id/1151/file/1152.pdf	MET water customers, by city
1998	http://www.deltarevision.com/1990-1999_docs/NHI-Packard_delta_study1998.pdf http://www.deltarevision.com/1990-1999_docs/1998Diversion_Effects_on_Fish_2.pdf	Report by Packard Foundation & National Heritage Institute Recommends a through-Delta canal as the preferred alternative, utilizing Mokelumne River & DCC reoperation, with barriers. Liberty Island flooded, to be used for Smelt studies.
1998	http://www.dot.ca.gov/hq/tpp/offices/ogm/products_files/Final_GM_Strategy.pdf http://www.caltrans.ca.gov/hq/tpp/publications_files/Strategic.PDF	Ca starts to plan goods movement in the state
1998	http://www.ppic.org/main/about.asp	An organization called PPIC begins publishing studies funded by several major nonprofit organizations which promote the diversion of more Delta water
1998	http://www.deltarevision.com/1990-1999_docs/1998fed-reg.pdf http://www.deltarevision.com/maps/restoration_plans_experiments/2006ecorecent_millde_river_conveyance.jpg	Notice of meeting referring to preferred alternative
1998	http://www.deltarevision.com/1990-1999_docs/1998-calfed-levee-history.pdf	Note the number of islands used for studies and mapping up until this time
1998	http://www.spk.usace.army.mil/projects/civil/folsom/index.html	Expansion of Folsom Dam outlets to divert water away from Sacramento River system in the Delta go to bottom of page
1999	http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/decision_1641/index.shtml http://www.waterboards.ca.gov/waterrights/board_decisions/adopted_orders/decisions/d1600_d1649/wrd1641.pdf http://www.waterboards.ca.gov/waterrights/board_decisions/adopted_orders/decisions/d1600_d1649/wrd1641_1999dec29.pdf http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/decision_1641/exhibits/exhibitlist.pdf	SWRCB adopts Decision 1641 to implement objectives of 1995 WQCP (X2 standards Feb thru June for habitat) Measure used to be 1 ppt. Docs refer to 2 ppt, in effect changing wq standards substantially!
2000	http://www.waterboards.ca.gov/waterrights/board_decisions/adopted_orders/decisions/d1600_d1649/wrd1641_1999dec29.pdf	SWRCB revised water right decision 1641 to provide for operations of the CVP and SWP to protect Delta water quality
2000	http://calwater.ca.gov/content/Documents/ROD.pdf http://www.deltarevision.com/2011/calfed/Recent%20Delta%20History%20and%20the%20CALFED%20Record%20of%20Decision.pdf http://calwater.ca.gov/content/Documents/new_final_framework.pdf	Very important to review to understand the actions taken 2000 to 2011: CALFED Record of Decision Video updating status in 2010
2000	http://www.calwater.ca.gov/content/Documents/new_final_framework.pdf	Summary of CALFED actions thru 2008 and who pays for

	http://www.water.ca.gov/floodmgmt/dsmo/ecb/maep/	what. Links to restoration projects
2000	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/CALFED_ROD_Levee_Plan.pdf http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/CALFED_ROD_Levee_Plan.pdf	Flood timeline-third section & whole timeline focus CALFED ROD map
2000	http://www.calwater.ca.gov/content/Documents/library/July2000_EIS_EIR/301/301_chapter2.pdf http://calwater.ca.gov/calfed/library/Archive_ROD.html	CALFED Record of Decision: Through-Delta canal with restoration for mitigation plan adopted CA Dept Health adopts plan to require most ground wells to chlorinate to avoid bacteria, even if no bacteria exists in the water system. Requires even small public water systems, like a restaurant using a well and private campgrounds to have a Certified Water Operator & to report water use.
2000	http://www.deltarevision.com/maps/restoration_plans_experiments/canal_building_blocks_2012.jpg http://calwater.ca.gov/content/Documents/library/plan_of_action.pdf http://www.deltarevision.com/maps/conveyance-canals/thru_delta_conveyance.jpg http://deltarevision.com/2000_docs/Cal_Fed_report_FINAL_2000.pdf	Planning maps for central canal Recirculation study Calfed building blocks Controlled flooding using McCormac and Statten
2000	http://pubs.usgs.gov/circ/circ1182/pdf/11Delta.pdf http://www.deltarevision.com/2000_docs/2000_breach_study_using_1992_flow.txt	Usgs "sinking heart of the state" notes subsidence slowing down
2000	http://www.cdph.ca.gov/programs/Pages/DWP.aspx http://modeling.water.ca.gov/hydro/model/calsim-doc/index.html http://modeling.water.ca.gov/hydro/model/ http://modeling.water.ca.gov/delta/studies/validation2000/map.html	CA drinking water program expands DWR changes how water flow is calculated and reported, which creates conflicts with how other organizations, like USBR and USACE calculate flow.
2000	http://www.water.ca.gov/iep/newsletters/2000/2000winter.pdf	
2000	http://www.deltarevision.com/maps-surveys/2000-to-now/gas%2520fields%2520and%2520lines.pdf http://www.deltarevision.com/maps-surveys/2000-to-now/naturalgasMap610.pdf	
2000	http://sfestuary.org/userfiles/2000_EstuaryIntro.pdf	Link from ABAG website has good summary of the estuary, including the Delta
2001	http://www.fws.gov/stockton/afpr/restplan_final.cfm	Restoration plan summary online-Delta highest priority
2001	http://www.deltarevision.com/Delta_maps/Delta_Maps.htm	Water used to produce energy map of usa and many, many other maps by year!
2001	http://www.deltarevision.com/2011/historic-timeline/historic_maps/2001_oil_gas_delta.jpg http://www.deltarevision.com/maps/2001delta_wetlands_project.jpg	Minerals map of California...gas and oil in Delta region Delta wetlands project
2001	ftp://ftpdoe.water.ca.gov/EDMS/EDMS%20Environment%20Configuration%20Document%	CVPIA ROD implemented provisions of CVPIA including

	20Production.pdf land access process	allocating 800,000 acre-feet of CVP yield for environmental purposes
2001	http://www.deltarevision.com/2001_docs/delta_channel_depletions_salinity.jpg http://www.deltarevision.com/2001_docs/2001CALFED_scrutinize_cross_channel.pdf http://www.deltarevision.com/2001_docs/2001delta_meeting.pdf http://www.deltarevision.com/2001_docs/DPC_SUMMARY_OIF_PROJECTS_.pdf	Delta Cross Channel gates “reoperation” for fish protection and water flow planning
2001	http://www.deltarevision.com/2001_docs/ChinookSalmonFryOutmigrantPilotStudy.pdf http://www.deltarevision.com/maps/fish/usfw_fish_monitoring_map.jpg	Salmon studies
2001	http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/bay_delta_plan/water_quality_control_planning/docs/060611wrkshp/usfws.pdf	As more water is diverted, salmon populations decline. NMFS BO for spring-run Chinook salmon and steelhead established criteria for operations to protect the runs
2002	http://www.deltarevision.com/2011videos/waterflow/sacramentoriverflowdiagram.jpg http://www.deltarevision.com/2011videos/waterflow/methology-flow-2001.jpg http://www.deltarevision.com/Delta_maps/maps/water_flow_use/banks_8500_mediation.jpg http://www.deltarevision.com/Delta_maps/maps/water_flow_use/usbr_flow_map.jpg	See links to original documents, which show on the maps linked to the left. Computer modeling for flow, floods, particle tracking, levee breach effects, water quality, etc In-Delta storage studies (Surface Storage Investigations) Increased water exports
2002	http://www.dot.ca.gov/hq/tpp/offices/ogm/products_files/GGDP_Final_Report.pdf	Transportation planning “Global Gateways”
2003	http://www.water.ca.gov/environmentalservices/docs/mntry_plus/Monterey%20Plus-ExhC_Statement%20of%20Overriding%20Considerations.pdf http://www.water.ca.gov/environmentalservices/docs/mntry_plus/FEIR.pdf	Summary of “Monterey Plus” agreement-page 4-5 FEIR-page 126 transfers KFE property
2003		Group of Delta area businesses and residents petitions the state travel commission to recognize the Delta as its own tourist region. At Sacramento hearing, no commissioner bothers to show up to hear the requests of over 100 Delta-area businesses and local representatives of the Delta towns. (check date-may have been 2002 hearing)
2003		Gov Gray Davis recall...Gov AS voted in
2003	http://www.n-h-i.org/uploads/tx_rtgfiles/5605_FinalYoloReport.pdf	Yolo bypass study Natural Heritage Institute
2003	http://www.ghgprotocol.org/about-ghgp/funders	AS promotion of a “hydrogen highway” in California to reduce greenhouse gasses
2003		DOI provides over 3.4 Billion for Central Valley and Delta projects and studie
2003	http://www.deltarevision.com/maps/in-Delta_storage/statten_repairs1.jpg http://www.deltarevision.com/maps/in-Delta_storage/2004in-delta_storage.jpg http://www.deltarevision.com/jt.htm	Land ownership Statten use In-Delta storage proposals-Bacon Island, Webb Tract, etc

2003	http://www.deltarevision.com/computer_modeling_the_delta.html http://www.deltarevision.com/2011videos/waterflow/1995_delta_in-out_flows.jpg http://calwater.ca.gov/content/Documents/Amended_and_Restated_MOU_9-03.pdf	Transition to computer modeling for effects analysis: In-Delta surface storage studies conclude field study needed (2/2004) Yolo Bypass planning and Suisun Marsh restoration possibly as mitigation
2003	http://deltarevision.com/COMMENTS/2003-over-3-billion-federal-funds.jpg	Over \$3 billion for California Delta comprehensive basin study provided by the federal government!
2003	http://www.water.ca.gov/deltainit/	Delta maps are removed from public access from the Library of Congress in Washington D.C. (it is later learned the official survey maps were being digitized, or scanned, to eventually be published online.
2004	http://www.deltarevision.com/2004_docs/wptf20040408_deltapack.pdf http://www.deltarevision.com/timeline.htm http://www.deltarevision.com/2011/Bacon_Island_Jones_Tract_field_studies.pdf http://www.waterplan.water.ca.gov/docs/meeting_materials/analytical/05.24.04/CALSIM_%20WTT.pdf	Delta pact call to action on calfed “Stakeholders” meet and agree to modification of 2000 ROD plan. Surface Storage field study conducted- Jones Tract Levee failure June 1 or June 3. Independent Science board for Delta Improvement Plan (DIP) formed. Plan later splits into North Delta (NDIP) and South Delta (SDIP) project and called “restoration projects” even though they are conveyance per CALFED.
2004	http://modeling.water.ca.gov/delta/reports/annrpt/2005/2005Ch3.pdf http://snugharbor.net/images2010/misc/dcc-jt-6-1-2004.pdf http://www.waterplan.water.ca.gov/docs/meeting_materials/analytical/05.24.04/CALSIM_%20WTT.pdf http://baydeltaoffice.water.ca.gov/modeling/hydrology/Hydrogroup.html http://baydeltaoffice.water.ca.gov/modeling/hydrology/HDG_04/HDG%20CalWater%20LPLewis%20Oct08-04.pdf http://baydeltaoffice.water.ca.gov/modeling/hydrology/HDG_04/HDG%20Sac%20Hydro%20Proposal%2016Nov04.pdf http://baydeltaoffice.water.ca.gov/modeling/deltamodeling/presentations/200301_CALFEDSci.pdf http://baydeltaoffice.water.ca.gov/modeling/hydrology/HDG_04/DSM2_ModelDependencies.pdf http://baydeltaoffice.water.ca.gov/modeling/hydrology/HDG_04/HDG%20Hydrology%20Development%20for%20the%20Sacramento%20Valley%20ADraper%20Oct08-04.pdf http://baydeltaoffice.water.ca.gov/modeling/hydrology/HDG_04/HDG%20Sac%20Hydro%20Proposal%2016Nov04.pdf	Computer modeling Jones Tract incident and timing. Slide 22-“gaming” water transfers and computer modeling
2004	http://www.water.ca.gov/floodmgmt/dsmo/sab/ndp/ http://www.deltarevision.com/2004_docs/2005_motive_for_delta_water_grab.pdf http://www.water.ca.gov/frankstract/docs/Delta_Conveyance_Summary_Report_121007.pdf	Ndip
2004	http://www.deltarevision.com/Delta_maps/In_Delta_water_storage.htm http://www.deltarevision.com/2004_docs/JT/jones-bacon.jpg http://www.deltarevision.com/2011/2011videos/2004_Mount_Twiss_Levee_Report_dec.pdf or go to	Mount & Twiss are assigned as the Delta flood history persons ISB for CALFED accepts Mount & Twiss paper without final

	<p>http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/Mount_Twiss_Levee_Report.pdf shows how this report influenced subsequent decisions...follow how to get to it</p> <p>http://www.deltarevision.com/2004_docs/ISB_packet_public_meeting_092104_v2.pdf http://www.deltarevision.com/2004_docs.htm</p> <p>http://www.deltarevision.com/2004_docs/2004_levee_facts_finding_team.pdf</p>	<p>review Mount & Twiss white paper published with false flood history for the Delta</p>
2004		<p>B&M Gates Foundation funds UC Davis Rice studies, promoting use of Delta lands to grow rice. Google website/foundation promotes growing tules to reduce carbon footprint.</p>
2004	<p>http://www.cahighspeedrail.ca.gov/assets/0/152/198/237532f3-5334-4336-8c69-34945452f675.pdf</p>	<p>Planning for the LA to Sacramento speed train includes a review of lands impacted in Delta area</p>
2004	<p>http://www.youtube.com/watch?v=274M7dbotEk&feature=mfu_in_order&list=UL</p>	<p>Video about Bacon Island planned use for in-delta storage, after the “field test” of Jones Tract in 2004</p>
2005	<p>http://ryerisland.com/images/smalls/2004_flooded_islands-wrong_islands_map.jpg</p>	<p>Classic example of how wrong some of the planning documents-maps-can be...shows the lack of quality, oversight and independent review of DWR’s “best available science”.</p>
2005	<p>http://www.deltarevision.com/2011videos/waterflow/calsim-modeling_schem.jpg http://www.deltarevision.com/2011videos/waterflow/sacramentoriverflowdiagram.jpg how the water physically flows.</p>	<p>“Stakeholders” begin implementation actions per the 2004 “Napa Alternative and “Monterey Alternative” Freeport project plans to divert water away north of the Delta</p>
2005	<p>http://baydeltaoffice.water.ca.gov/ndelta/summaryreport/documents/FloodedIslandFeasibilityStudyBaselineReport.pdf http://www.water.ca.gov/frankstract/docs/(4)Flooded%20Islands%20Baseline%20Report.pdf page 24 of 320 http://www.deltarevision.com/wrong-maps-of-the-delta.html http://www.ryerisland.com/wrong_maps_of_ryer_island.htm http://snugharbor.net/delta_confusions.html</p>	<p>Example of wrong Delta names Google confuses Delta Island names: wrong Delta maps page</p>
2005	<p>http://www.ccwater.com/files/DeltaRegion.pdf page 11 249 http://www.dot.ca.gov/hq/tpp/offices/ogm/index_files/CA_state_goods_movement_action_plan_Phase_I_2005.pdf</p>	<p>Port of Sacramento NOT shown as a port in this CalTrans planning doc</p>
2005	<p>http://baydeltaoffice.water.ca.gov/sdb/sdip/index_sdip.cfm http://www.water.ca.gov/floodmgmt/dsmo/docs/white_paper.pdf 2000 paper listing conveyance improvements proposed</p>	<p>South Delta Improvements (SDIP) North Delta Improvements (NDIP)</p>
2005	<p>http://www.deltarevision.com/central_conveyance_building_blocks.htm screen shots of the various intake facilities under construction and also</p>	<p>New water intake projects on the Sacramento River are planned and built under various names.</p>

	http://www.deltarevision.com/2012_delta_construction.html	
2006	http://www.deltavision.ca.gov/BlueRibbonTaskForce/Oct2007/PostMtg/Item_3a_Handout_1.pdf	Good summary showing how decisions were made using the DRMS study in 2006, summarized by DWR in 2007 for the Delta Vision Blue Ribbon Task Force
2006	http://www2.bren.ucsb.edu/~keller/energy-water/4-3%20Gordon%20Johnson.pdf	MWD energy use
2006	http://bairwmp.org/content/water-supply-water-quality	Huge document shows the planning started long before 2006!
2006	http://deltarevision.com/Delta_maps/Floods-Islands-Levees.htm	Review of delta levee history
2006	http://www.youtube.com/watch?v=QXhZZwtSrLk&noredirect=1	UC Berkeley : water speakers & studies hosts summer program regarding "Reinvisioning" the Delta. Maps from URS use the false flood data. UC Davis conducts computer effects modeling
2006	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/Comparison_of_Major_Levee_Breaks_in_Delta.pdf	Jones Tract 2004 levee failure not included...because it was a field study?
2006	http://www.deltarevision.com/maps/salinity-toxins/delta_islands.JPG http://www.waterboards.ca.gov/water_issues/programs/tmdl/records/state_board/2006/ref765.pdf	Monitoring stations
2006	http://baydeltaoffice.water.ca.gov/DeltaAtlas/06-FloodControl.pdf	From 2011 online-delta atlas section-flood history
2006	http://www.waterboards.ca.gov/water_issues/programs/tmdl/docs/303dlists2006/epa/r5_06_303d_reqtmdls.pdf http://www.waterboards.ca.gov/water_issues/programs/tmdl/records/state_board/2006/ref625.pdf http://www.waterboards.ca.gov/water_issues/programs/tmdl/docs/303dlists2006/swrcb/r5_final303dlist.pdf http://www.waterboards.ca.gov/water_issues/programs/tmdl/docs/303dlists2006/swrcb/staffreport/v3r5_final.pdf http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/wq_control_plans/2006wqcp/docs/rev2006wqcp.pdf	delta pages 5-8
2006	http://www.water.ca.gov/iep/docs/052510smelt.pdf	Smelt tests of survival
	http://baydeltaoffice.water.ca.gov/modeling/deltamodeling/AR2007/2007_Annual_Report_Final.pdf	Salinity modeling
2006-	http://bancroft.berkeley.edu/info/lectures.html	UC Berkeley posts a series of lectures about their version

2007		of California history
2007	http://baydeltaoffice.water.ca.gov/sdb/tbp/deltaoverview/delta_overview.pdf http://www.deltavision.ca.gov/BlueRibbonTaskForce/Sept2007/Handouts/Item_3.pdf	Example of wrong waterways, islands, but good example of island flood history Delta Vision group summary
2007	ftp://ftp.water.ca.gov/ndelta/NDIP%20Combined(12.8M).pdf	NDIP, started 2003 as conveyance
2007	http://www.dot.ca.gov/hq/tpp/offices/ogm/links_files/gmap-1-11-07.pdf	Hwy 12 not on the goods movement map
2007	http://yolowra.org/irwmp_final/09-Section-7%20rev.pdf http://www.scwa2.com/Documents/Misc/N120%20SCWADeltaPolicy%2012-07-%20letterhead.pdf	Yolo & Solano
2007	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/DRMS_Presentation-DWR_Public_Mtg-062607.pdf	.DRMS presentation
2007	http://socialwaterdialogue.org/calendar/DeltaMaps-Actions_Bourne_6-27-07.pdf	Delta Vision discussion maps
2007	http://www.water.ca.gov/deltainit/docs/030507pod.pdf	Pelagic Fish Action Plan
2007	http://bios.dfg.ca.gov/ http://www.dot.ca.gov/hq/env/bio/files/ppt_mdtmtg4.pdf http://www.prbo.org/calpif/pdfs/riparian_v-2.pdf	3 year closure of salmon fishing in the Delta starts at the same time as the acoustic tagged fish studies are conducted Delta aquatic ecosystem shows dramatic decline while water exports continue to increase
2007	See 2008 Phase 1 final (revised several times to a new "final" Dec 2009) http://www.science.calwater.ca.gov/drms/drms_irp.html http://www.science.calwater.ca.gov/pdf/drms/DRMS_Risk_Report_section_07.pdf wrong data regarding Ryer Island flooding; wrong data for several other islands-inflates flood history by counting floods before levees were improved and by counting floods of islands used for "controlled flooding" meaning they MEANT to flood the island. Upper & Lower Jones Tract 2004 listed, even though it was part of the "field studies" for the In-Delta Storage planning	DRMS study for DWR by USR attempts to revise Delta history by publishing false and misleading data. Intake facility approved by Freeport-construction begins (EBMUD). Intake facility on Victoria Canal (CCWD) planned. Levee improvements begin along the pathways of the "central canal" or CALFED preferred alternative.
2007	http://www.ccwater.com/aip.asp http://snugharbor.net/images2011/deltastuff/conveyance-2011-update.jpg http://www.waterrights.ca.gov/application/PetNot/docs/20245_aip_ccwd_petition.pdf http://www.spk.usace.army.mil/pub/outgoing/co/reg/pn/200500537.pdf https://www.communicationsmgr.com/projects/losvaqueros/docs/2_background.pdf http://deltawatersupplyproject.com/ http://www.reedconstructiondata.com/building-types/water-treatment/california/projects/1000821853/ http://www.ccwater.com/	CCWD new water intake at Victoria Canal is constructed to provide fresh water that will no longer be available at the original CCWD intakes closer to Sherman Island and Suisun Bay area. Intake at Empire Tract planned-referred to as a Stockton water project
2007	http://www.water.ca.gov/environmentalservices/docs/mntry_plus/comments/Contra%20Costa%20Water%20Dist.pdf	Monterey Amendment reference
2007		DRMS Phase 1 report public copy is released and is highly

	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/phase1_information.cfm published 2008 http://www.deltarevision.com/Delta_maps/Floods-Islands-Levees.htm one of the challengers to DRMS flood history http://www.ryerisland.com/images/floods/delta_floods_final.pdf http://www.deltarevision.com/deltafloodtimeline.html	challenged by many. Some of the false information is corrected by December 2009. August-Delta Vision meetings in the Delta is the first time Delta area residents are told of the planned revisions to the Delta. Delta Vision documents use the false data found in the DRMS Phase 1 report.
2007	http://www.ppic.org/content/pubs/report/R_207JLR.pdf	Limits on water exports imposed to protect endangered fish species of the Delta region. PPIC releases a report to influence decisions, but its based on DRMS Phase 1 unverified and highly criticized data.
2007	http://calwater.ca.gov/content/Documents/meetings/FTDDCCTDF/Feb15_07_Meeting/TD_FDCCFT_Feb07.pdf	Barrier-gates, Franks Tract and changes to McCormack/Williamson Tract are proposed as “restoration” projects but were originally listed as “conveyance” projects in CALFED ROD
2007	http://www.deltavision.ca.gov/Context_Memos/Recreation/Recreation_Memo_Interation_1.pdf	Memorandum prepared for Delta Vision review recognizes over 14 million total user days per year for boating in the Delta.
	http://www.waterplan.water.ca.gov/docs/cwpu2009/0310final/v4c05a02_cwp2009.pdf	References to other context memorandums
2007	http://www.usbr.gov/mp/nepa/documentShow.cfm?Doc_ID=2716 http://www.usbr.gov/mp/sod/projects/folsom/docs/Kiosk.pdf	Folsom Dam to be modified to allow for water to be diverted into a different spillway which will, in effect, bypass the Delta. Project is labeled “flood protection” and “seismic repairs”
2008	http://www.swrcb.ca.gov/board_reference/docs/summary_strategic_plan_2008-2012.pdf http://www.swrcb.ca.gov/water_issues/hot_topics/strategic_plan/docs/final_draft_strategic_plan_update_090208.pdf http://www.swrcb.ca.gov/water_issues/hot_topics/strategic_plan/docs/073008_appendix_4_water_rights.pdf http://www.swrcb.ca.gov/water_issues/hot_topics/strategic_plan/docs/2008_2012/0206_08_presentation.pdf lots of maps PAGE 26..INAPPROPRIATE INCONSISTENCIES	“inconsistencies”
2008	http://www.spn.usace.army.mil/projects/o&m/PinoleShoalM/10_PinoleShoalMStudy_O&M.pdf http://www.spn.usace.army.mil/projects/pinoleshoalmanagemento&m.html	USACE Delta sediment planning
	http://www.deltarevision.com/Delta_maps/maps/water_flow_use/usbr_delta_standards_summary.jpg ftp://ftp.water.ca.gov/DES/BDCP/USBR%202008%20OCAP_BA_Aug08.pdf http://www.usbr.gov/mp/cvo/ocapBA_SEP_2008.html	Proposed revised water quality standards Summary of water rights

2008	http://calmap.gisc.berkeley.edu/resin_public_docs/DRMS_phase1_sections/Risk_Report_Section_7_Final.pdf http://ryerisland.com/images/floods/Risk_Report_Section_13_Final.pdf http://srdhs.org/Documents/June%202008.pdf http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/Geomorphology_TM.pdf http://ryerisland.com/images/floods/DRMSf1_wrong_on_Ryer.pdf	DRMS report on floods incorporates islands not in the Delta in order to inflate statistics. Pages 80 and 81 show supposed historical Delta floods-URS/DWR is wrong.
2008	http://www.deltarevision.com/maps/salinity-toxins/usbr_delta_standards_summary.jpg	Proposed salinity standards
	http://www.deltarevision.com/maps/salinity-toxins/delta_islands.JPG http://www.deltarevision.com/maps/salinity-toxins/2005_dwr_monitor_sites.jpg	Map of monitoring stations
2008	ftp://ftp.water.ca.gov/DES/BDCP/NMFS%2020080904_Draft_GS_BioRpt.pdf	Important waterways
2008	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/timeline.cfm	As of January 2012, the DRMS Phase 1 timeline still showing at DWR website would lead to confusions, like the Delta Plan of 2012 quoting 2008 DRMS false data.
2008	http://www.science.calwater.ca.gov/pdf/drms/IRP_DRMS_Review_main_plus_appendices.pdf http://www.deltavision.ca.gov/BlueRibbonTaskForce/Sept2007/Handouts/Item_9_Handout_1.pdf http://www.science.calwater.ca.gov/pdf/drms/DRMS_memo_TFFin12_092107.pdf http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/IRP_DRMS_Review-main_plus_appendices.pdf http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/Risk_Report_Section_0_Final.pdf	The October 2008 “Independent review” that highly criticizes the DRMS Phase 1 data does not stop the DRMS Phase 1 “Final” release in December 2008; many other agencies and scientists use the technical data that was wrong regarding Delta island levee and flood history, wrong regarding elevations, etc.
2008	http://watershed.ucdavis.edu/pdf/ComparingFutures_PPIC2008/708EHR_appendixB.pdf http://www.ppic.org/content/pubs/other/708EHR_appendixB.pdf http://www.ppic.org/content/data/Analysis%20of%20the%20Economics%20of%20Delta%20Levee%20Repairs%20and%20Upgrades.xls	UC Davis and PPIC reports on Delta uses DRMS data from 2007
2008	http://www.deltavision.ca.gov/BlueRibbonTaskForce/August2007/Item_9_Attachment_2.pdf	Delta Vision process & meetings
	http://www.spk.usace.army.mil/projects/civil/Delta/Docs/FINAL_Delta_Strategic_Plan_Report.pdf http://www.deltarevision.com/maps/large-owner-axis.JPG	USACE strategic plan for the Delta Large owner axis
2008	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/phase1_information.cfm http://ryerisland.com/ryer_flood_history_email.jpg http://ryerisland.com/DRMS_wrong_on_ryer_island.htm http://ryerisland.com/images/maps/google12-28-08ryer.jpg http://ryerisland.com/images/maps/mount_wrong_ryer.jpg http://ryerisland.com/images/floods/2008_comparing_futures_tec_appendx.pdf http://ryerisland.com/images/maps/DV_wrong_on_ryer.JPG	Drms-wrong on Ryer Island. DRMS Phase 1 “Final” published by DWR December 2008 is revised several times. Go to the bottom of the DWR website to note the last revision was Dec 2009. Usually when a “final” report is revised, one would see a summary of what was changed called “erratum”. Not so with the DRMS Phase 1 report. Perhaps it is because Ryer Island is a targeted

	http://ryerisland.com/images/maps/gm_wrong_ryer_tyler.jpg http://ryerisland.com/images/maps/google-tylerisland.jpg http://ryerisland.com/images/maps/gm_wrong_ryer.jpg http://ryerisland.com/seismic_map_compare.htm	<p>island, based on false data of the DRMS Phase 1 report?</p> <p>Google wrong on Ryer location (Google notified, but still listing the other Ryer at least half the time in 2012!</p>
2008	http://ryerisland.com/images/floods/delta_floods_final.pdf http://www.deltarevision.com/deltafloodingtimeline.html http://www.deltarevision.com/Issues/delta_floods_timeline.jpg http://www.deltarevision.com/2011/historic-timeline/historic_maps/timeline_delta_levee_failures.pdf http://www.deltarevision.com/Delta_maps/Floods-Islands-Levees.htm	<p>Delta flood history-all sources</p> <p>Delta flood timeline (updated 2011)</p>
2008	http://ryerisland.com/images/floods/DRMSf1_wrong_on_Ryer.pdf	<p>Really review this one showing the mistakes of DRMS Delta Vision documents published utilizing false data of DRMS report</p>
2008	http://www.usbr.gov/mp/nepa/documentShow.cfm?Doc_ID=3164	<p>Summary of Red Bluff project-huge diversion of Sacramento River water</p>
2008	http://www.deltavision.ca.gov/BlueRibbonTaskForce/July2008/Handouts/Item_3_Attachment3.pdf	<p>Summary of some of the water laws</p>
2009	http://www.youtube.com/watch?v=hLmpVV3bq9M	<p>Where and what is the Delta?</p>
2009	http://www.baydeltaconservationplan.com http://www.deltarevision.com/Delta_maps/Restoration_BDCP.htm	<p>Bay Delta Conservation Plan unveiled to the public</p>
2009	http://www.assembly.ca.gov/acs/committee/c26/Publications/PAB%201.pdf http://www.assembly.ca.gov/acs/committee/c26/Publications/PAB%202.pdf http://www.assembly.ca.gov/acs/committee/c26/Publications/PSB%201.pdf http://www.assembly.ca.gov/acs/committee/c26/Publications/PSB%202.pdf http://www.assembly.ca.gov/acs/committee/c26/Publications/PSB%203.pdf	<p>State legislation authorizing Delta Stewardship Council with authority to develop a new Delta Plan including export of more Sacramento River Water</p>
2009	http://ryerisland.com/images/smalls/drms-using_maps_to_hide_mistakes.jpg http://ryerisland.com/images/gov-pdfs/floods/2_Ryers-flooding.pdf http://ryerisland.com/images/floods/delta_floods_final.pdf http://snugharbor.net/images2011/deltastuff/DRMS_figure2-5_compared.JPG http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/Risk_Report_Section_7_Final.pdf	<p>DRMS corrects challenge to Ryer Island data, but does not correct the rest of the data. 2-3 versions show online to this day.</p> <p>correct timeline of Delta floods, including controlled flood areas of the Delta</p>
	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/Risk_Report_Section_7_Final.pdf	<p>Notice pages 81 and 82 the maps regarding flood history have changed but DWR does not notify anyone of the correction.</p>
2009	http://www.spk.usace.army.mil/projects/civil/Delta/Index.html http://www.spk.usace.army.mil/projects/civil/Delta/Delta%20Initiatives%20-	<p>Usace summary of initiatives</p>

	%20State%20of%20Estuary%20Conf%202009.pdf http://www.usbr.gov/mp/intertie/docs/FEIS%20Webfiles/DMC-CA-Intertie_FinalEIS_Vol_I_MainReport_Nov2009.pdf page 9 ryer confusion	
	http://www.deltarevision.com/maps/salinity-toxins/delta_monitoring.jpg	Governor's drought
	http://www.water.ca.gov/engineering/docs/dwr%20nba%aip%20nop%202011-24-09.pdf	Nba alternate intake planning
	http://www.deltarevision.com/Delta_maps/maps/water_flow_use/ss-reduce_flow.JPG http://www.deltarevision.com/calfed_name_game.html	BDCP confusions
2009	ftp://ftp.water.ca.gov/DES/BDCP/NMFS%202009%20GSCHD_FinalRule.pdf http://www.fws.gov/stockton/afpr/restplan_final.cfm http://www.fws.gov/stockton/afpr/title34.cfm http://www.fws.gov/stockton/afpr/production_fr.cfm http://www.fws.gov/stockton/jfmp/docs/Perry%20et%20al.%20Delta%20survival%202008%20to%20USFWS%20Final%201.pdf http://www.fws.gov/wildfishsurvey/database/nwfhs/basicform http://www.fws.gov/stockton/afpr/ws_map.cfm?code=SCSJD http://www.fws.gov/stockton/jfmp/docs/Castillo_2010%20IEP_WORKSHOP%20Initial%20Evaluation%20of%20Entrainment.pdf http://www.fws.gov/stockton/jfmp/docs/Hanni%20&%20Chapman%20CALFED%20Native%20vs%20nonnative.pdf http://www.fws.gov/stockton/jfmp/docs/Kjelson1981.pdf http://www.fws.gov/stockton/jfmp/docs/Lux%20Asilomar%20PDELT.pdf http://www.fws.gov/stockton/jfmp/docs/hier_DA8_revision3.pdf http://www.fws.gov/stockton/jfmp/docs/Webb&WilderSOE.pdf http://www.fws.gov/stockton/jfmp/docs/Wilder&Ingram2006.pdf http://www.fws.gov/stockton/afpr/ws_partners.cfm?code=SCSJD	Fish recovery plan etc
2009	http://science.calwater.ca.gov/pdf/reviews/BOR_appendices/Appx_C_100_Design_Plans_10-19-09.pdf http://www.waterplan.water.ca.gov/docs/cwpu2009/1009prf/3-rr_d_pre-final_pdf_13oct09.pdf http://www.spk.usace.army.mil/projects/civil/Delta/Delta%20Initiatives%20-%20State%20of%20Estuary%20Conf%202009.pdf	
2009	http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=237	Redbluff Diversion & Fish Screen. Planning from 2002, under construction 2012
2009	http://baydeltaoffice.water.ca.gov/modeling/deltamodeling/AR2009/2009_Annual_Report_Final.pdf	Salinity modeling
2009	http://swr.nmfs.noaa.gov/recovery/cent_val/Public_Workshop_Materials/Recovery_Strat	Good summary of fish recovery plan

	egy_Summary.pdf	
2009	http://snugharbor.net/images2012/deltastuff/1.30.09_BDCP_IT-ND_Diversion_Effects_Presentation.pdf	(2009 BDCP presentation saved by NSS for SHR)
2010	http://www.dot.ca.gov/hq/tpp/californiainterregionalblueprint/ http://www.dot.ca.gov/hq/tpp/californiainterregionalblueprint/Documents/cib_progress_report/CIB_Update_FactSheet_v6.pdf http://www.ice.ucdavis.edu/CTP/Consultation%20Meeting/CTP%20Addendum%20Final%20Draft%204_9_07WOtrckg.pdf http://www.mtc.ca.gov/planning/2035_plan/Supplementary/T2035_Goods_movement_update.pdf http://www.sacregionblueprint.org/sacregionblueprint/the_project/discussion_draft_preferred_scenario.cfm http://www.sacramentoshipchannel.org/ http://www.marad.dot.gov/ships_shipping_landing_page/mhi_home/mhi_home.htm http://www.mtc.ca.gov/planning/2035_plan/Supplementary/T2035_Goods_movement_update.pdf http://www.mtc.ca.gov/planning/2035_plan/FINAL/T2035_Plan-Final.pdf	Transportation plans for the future are unveiled to the public. Note the planning started in 2002-2003
2010	http://www.safca.org/Programs_Folsom_Dam.html	More water diversions from Folsom Dam
2010	http://www.deltacouncil.ca.gov/interim-plan http://www.deltacouncil.ca.gov/	Delta Stewardship Council forms and approves and Interim Delta Plan based on CALFED ROD, influenced by the Delta Vision publication, and using the false data from DRMS Phase 1 Report. Chair of DSC was chair of Delta Vision process. DSC Interim Delta Plan
2010	http://www.water.ca.gov/iep/docs/MLAG_agenda_9_22_11_Dsmeltturb.pdf http://www.spk.usace.army.mil/organizations/cespk-pd/Review%20Plans/West_Sac_Review_Plan_30April2010.pdf	
2010		Push for National Heritage area Delta Conservancy Formed
	http://www.slideshare.net/cpkumar/impact-of-climate-change-on-groundwater-resources http://pubs.usgs.gov/pp/1766/PP_1766.pdf	Slideshow explains the issue of groundwater and the impact of global warming-not just about the Delta or California! USGS estimate of groundwater available
2010	http://www.waterboards.ca.gov/board_info/agendas/2010/oct/100510_5.pdf	

	http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/deltaflow/docs/final_rpt080310.pdf page 28 list of projects http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/deltaflow/docs/final_rpt080310.pdf page 41 net delta outflow taf	
2010	http://www.water.ca.gov/iep/docs/FinalPOD2010Workplan12610.pdf	workplan NOAA website live example
2010	http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/deltaflow/docs/final_rpt080310.pdf	Flow criteria for Delta ecosystem
2010	http://snugharbor.net/images2010/media2010-players.pdf http://snugharbor.net/images2011/deltastuff/media2010-players.JPG	Study of historical data spreadsheet. Media ownership study
2010	http://www.deltarevision.com/wrong-maps-of-the-delta.html http://www.deltarevision.com/more_wrong_maps_of_the_delta.html	Examples of wrong or incorrect maps of the Delta used for the last 6 years of planning and studies
2010		Water siphon on Empire track begins construction at the exact location proposed for CCWD intake in previous maps
2010	http://www.epa.gov/region9/mediacenter/impaired-waters/ http://www.waterboards.ca.gov/water_issues/programs/tmdl/integrated2010.shtml http://www.waterboards.ca.gov/water_issues/programs/water_quality_goals/index.shtml	
	http://www.deltarevision.com/Issues/waterflow/video/north_delta_low_flow_effect.jpg	How the water in the Delta physically flows
2010	http://www.water.ca.gov/swp/docs/SWPmap.pdf	State Water Project Map found online. DCC shows, but the Sacramento River and its tributaries between Sacramento and the Suisun Bay are eliminated. The path of the Sacramento River has been revised to connect with what may be the former Sacramento Ship Channel. The Delta is not recognized.
2011		DRMS Phase 2
2011	http://building-collaboration-for-water.org/Documents/StateSummaries/CA%201209.pdf	USACE summary of CA water issues
2011	http://www.water.ca.gov/serp.cfm?q=Martin%2C+B.+A.%3B+Saiki%2C+M.+K.+Gut+contents+of+juvenile+chinook+salmon+from+the+upper+sacramento+river%2C+California+during+spring+1998&cx=001779225245372747843%3Amdsmtl_vi1a&cof=FORID%3A10&ie=UTF-8&submit.x=19&submit.y=15	Draft Fish recovery plan
2011	http://www.water.ca.gov/waterquality/drinkingwater/docs/Guest_Speaker_Brent_Walthall_Kern_County_Water_Agency_BDCP_Update.pdf	BDCP summary of actions-clear maps

2011	http://www.waterboards.ca.gov/resources/data_databases/#rights http://www.waterboards.ca.gov/water_issues/programs/water_quality_goals/docs/wq_goals_text.pdf	Water quality rights review
2011	http://deltarevision.com/calfed_name_game_video.html http://deltarevision.com/calfed_videodocs3.html	Video-CALFED 2000 ROD update-the name game
2011	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/phase2_information.cfm http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/DRMS_Phase2_Risk_Reduction_Report_TOC.pdf http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/DRMS_Phase2_Report_Section11.pdf	DRMS Phase 2 released. Based on false data of Phase 1. Addresses Delta transportation proposals, infrastructure changes, waterway pathway modifications, levee setbacks and more. It is based on phase 1 false data.
2011	http://nees.org/resources/3527 http://www.recordnet.com/apps/pbcs.dll/article?AID=/20110830/A_MEDIA03/110829886/0/A_NEWS02	Report from UCLA levee failure study re earthquakes DSC white papers & IDS
2011	http://www.water.ca.gov/system_reop/docs/system_reop_phase1_plan_of_study_6-2011.pdf	System reoperation plan...look at the "major facilities" maps re conveyance and notice what is missing
2011	http://www.deltarevision.com/Issues/waterflow/bdcp_sacramento_river_minimum_flow_criteria.jpg http://www.deltarevision.com/Delta_maps/maps/water_flow_use/ss-ss.jpg	BDCP meetings, subcommittees, interest groups, etc do NOT agree on restoration plans
2011	http://www.deltarevision.com/Issues/waterflow/video/sacramento_river_future.jpg http://www.deltarevision.com/Issues/waterflow/video/north_delta_low_flow_effect.jpg	New Delta Plan proposed-sketch based on 1880 Illustrated Wasp sketch shows North Delta impacts Method for measuring water flow changes again
2011	http://www.deltarevision.com/sacramento-river-waterflow.html http://www.deltarevision.com/Issues/waterflow/video/2011-sacrivflow.jpg http://www.deltarevision.com/Issues/waterflow/exports_value-2000-2009.jpg http://www.deltarevision.com/sacramento-river-waterflow.html	DWR changes how water flow is calculated...again!
2011	http://snugharbor.net/images2011/deltastuff/observations8-29-2011mwd-meeting.pdf http://www.deltarevision.com/Issues/waterflow/bdcp_sacramento_river_minimum_flow_criteria.jpg	Metropolitan Water District storing water & BDCP diversion summary
2011	http://www.waterboards.ca.gov/board_info/agendas/2011/jun/062111_5.pdf	
2011		Delta Economic Sustainability Plan-notice how the recreation section quotes quite different data from the 2007 memo to the DSC
2011	http://www.swrcb.ca.gov/waterrights/water_issues/programs/bay_delta/deltaflow/index.shtml http://www.waterboards.ca.gov/centralvalley/ http://geotracker.waterboards.ca.gov/gama/	Water tracking websites
2011	http://www.water.da.gov/floodmgmt/dsmo/docs/NOI_NOP.pdf http://www.planningdocuments.saccounty.net/viewprojectdetails.aspx?projectID=527 http://www.freeportproject.org/nodes/explore/intake/ http://www.bbinfrastructureinc.com/docs/FolsomSouthCanalConnectionProject07-07.pdf http://baydeltaoffice.water.ca.gov/ndelta/TDF/ http://baydeltaoffice.water.ca.gov/ndelta/TDF/documents/Through%20Delta%20Facility%	Intake and diversion projects <i>completed</i> or under construction by 2011, all of which divert more water from the Sacramento River: Folsom South Canal 200 million gallons per day Freeport RWA 185 million gallons per day = 177,047 af per year

	<p>20Final%20VE%20Report.pdf http://www.water.ca.gov/engineering/docs/NBA%20AIP%20Scoping%20meetings%20Powerpoint%20Presentations.pdf see page 9 http://www.bbinfrastructureinc.com/projects/water/sacramento.htm http://www.usbr.gov/mp/nepa/nepa_projdetails.cfm?Project_ID=783 http://www.water.ca.gov/engineering/Projects/Current/NBA/ http://www.water.ca.gov/floodmgmt/dsmo/sab/ndp/documents/ http://baydeltaoffice.water.ca.gov/sdb/tbp/index_tbp.cfm http://www.yolobasin.org/bypass_strategy.cfm?useFigures=true http://snugharbor.net/images2011/deltastuff/intakes/2-calfedupdate12-2011.jpg http://snugharbor.net/images2011/deltastuff/intakes/4-calfedupdate12-2011.jpg http://snugharbor.net/images2011/deltastuff/intakes/8-calfedupdate12-2011.jpg http://www.esassoc.com/projects/stockton-delta-water-supply-project http://www.esassoc.com/projects/davis-woodland-water-supply-project</p> <p>Summary compiled at http://snugharbor.net/New-sacramento-river-intakes-2011.html</p>	<p>Elkhorn Diversion 210 cfs capacity Sanky Diversion 434 cfs Woodland-Davis Project 46,000 af year North Bay Aquaduct 240 cfs Yolo Bypass annual inundation approx. 4000 taf year Suisun Marsh-Cache Slough hydraulic link Sacramento Water Intake project 160 million gallons per day Thru-Delta reoperation adds another 1000 cfs diversion capacity or 723,970 taf Hood TDF 4000 cfs</p> <p>Georgiana Slough</p>
2011	<p>http://www.deltacouncil.ca.gov/draft-eir http://www.deltarevision.com/Issues/waterflow/2011-proposed_sacriver_exports.jpg</p>	<p>DSC releases new Delta Plan for public review (11/4/2011) DRMS Phase 2 published, using some of the false data of DRMS P! Record rain year but NO substantial Delta flooding as the water is diverted elsewhere. Water siphon under construction Empire Tract. Levee sitebacks for Dead Horse Island and dredging work along Mokelumne River system begins. Intertie per CALFED completed</p>
2011	<p>http://www.water.ca.gov/environmentalservices/docs/mntry_plus/Appendices%20-%20Volume%202/Appendix%20F%20-%20Docs%20Incorporated%20by%20Reference.pdf</p>	<p>Just one of the documents to review for current eir processes...3588 pages! Page 1172 "salinity control is necessary"-good simple statement</p>
2011	<p>http://socialwaterdialogue.org/calendar/ppt/2011/5%20-%20Deven%20-%20Southern%20California%20Water%20Dialogue%20102611.pptx</p>	<p>MWD manages to store up extra water during a "drought"...</p>
2011	<p>http://www.waterplan.water.ca.gov/waterpie/</p>	<p>Quick link area to the different state and federal agencies helping to split up the "water pie".</p>
2011	<p>http://www.youtube.com/watch?v=bqZSxcHSko4&feature=mfu_in_order&list=UL http://www.youtube.com/watch?v=-AFHfvo9Zfs&feature=mfu_in_order&list=UL http://www.youtube.com/watch?v=i2s2ssOKyVw&feature=mfu_in_order&list=UL</p>	<p>Video on flow effects under new Delta Plan Video looking at the value of the extra water exports, estimated</p>

201	http://www.water.ca.gov/system_reop/docs/system_reop_phase1_plan_of_study_6-2011.pdf	System reoperation will reduce Sacramento River flows to 15,000 TAF including the Yolo Bypass annual flows.
2012	CURRENT DOCUMENTS IN EIR/EIS COMMENT PERIOD & THE CONSTRUCTION PROJECTS UNDERWAY IN AND AROUND THE DELTA RIGHT NOW	
	http://deltacouncil.ca.gov/delta-plan/current-draft-of-delta-plan http://www.water.ca.gov/cvfm/documents.cfm http://www.cvfpb.ca.gov/CVFPP/04_CVFPP-fcssr-broc-11212.pdf http://www.deltarevision.com/Issues/navigation-transportation/highway12-raise-drms2.jpg http://www.deltarevision.com/Issues/navigation-transportation/SR12-boudinisland-raiseroad.pdf or http://baydeltaconservationplan.com/Library/DocumentsLandingPage/BDCPPlanDocuments.aspx http://www.deltaconservancy.ca.gov/docs/Delta_Conservancy_StratPlan_Draft_Version_f_or_Public_Comment_050812.pdf	
Jan 2012	<p>CURRENT DOCUMENTS IN EIR/EIS COMMENT PERIOD & THE CONSTRUCTION PROJECTS UNDERWAY IN AND AROUND THE DELTA RIGHT NOW (Note: While people talk, the CALFED “Preferred Alternative” of a central conveyance through the Delta, and also portions of the “Dual Conveyance” option are being built...the projects are called different names. Ignore the names and look at the function of the Projects http://deltarevision.com/2012_delta_construction.html)</p> <p>DESCRIPTION</p> <p>http://www.deltacouncil.ca.gov/delta-plan-draft-eir go down the page to get to the important documents...comments accepted through 2/2/2012 New plan for the Delta</p> <p>http://www.deltacouncil.ca.gov/sites/default/files/documents/files/Fifth_Staff_Draft_Delta_Plan_080211.pdf</p> <p>New plan for the Delta incorporated into the EIR by reference so must be read with Delta Plan</p> <p>http://www.safca.org/documents/combined20state20submittalsmall.pdf (work being done now) for a map showing the work being done at Egbert Tract per the SAFCA.org website or see</p> <p>http://deltarevision.com/2012%20docs/construction/yolobypass-egberttrace-2012construction.jpg and</p> <p>http://deltarevision.com/2012%20docs/construction/egberttractjan2012improvements-</p>	<p>(Note: While people talk, the CALFED “Preferred Alternative” of a central conveyance through the Delta, and also portions of the “Dual Conveyance” option are being built...the projects are called different names. Ignore the names and look at the function of the Projects http://deltarevision.com/2012_delta_construction.html)</p>

[safcaplans.jpg](#) and <http://deltarevision.com/2012%20docs/construction/bypass-dec2011.jpg>

Yolo Bypass changes, weir modifications, new intakes with fish screens north of Sacramento

http://www.water.ca.gov/cvfm/docs/2012_CVFPF_FullDocumentLowRes_20111230.pdf

work being done now in areas like Boudin Island off Hwy 12...map:

2012 Central Valley Flood Protection Plan, which is different than...

<http://www.water.ca.gov/cvfm/docs/SPFCDescriptiveDocumentNov2010.pdf>

State Plan of Flood Control Description Document (2010)

<http://deltarevision.com/2012%20docs/construction/12-calfedupdate12-2011.jpg>

<http://deltarevision.com/2012%20docs/construction/2012-ndip-projects-underway.jpg>

<http://deltarevision.com/2012%20docs/construction/intakes1.jpg>

<http://deltarevision.com/2012%20docs/construction/intakes2.jpg>

<http://deltarevision.com/2012%20docs/construction/fulsom-south-diversion.jpg>

Note that most of the "building blocks" of the CALFED 2000 plan have been built or are under constructions...intake on the Sacramento River, revision to Mokelumne River conveyance, modifications to McCormack-Williamson Tract, etc.

<http://bdcpweb.com/Library/DocumentsLandingPage/BDCPPlanDocuments.aspx>

also incorporated into the Delta Plan if/when decisions are made Bay Delta Conservation Plan

http://www.baydeltaconservationplan.com/Libraries/Dynamic_Document_Library/First_Amendment_BDCP_MOA_Redline_Edits_12-16-11.sflb.ashx

2012 BDCP Memorandum of Agreement done without prior to public input.

http://www.dot.ca.gov/hq/tpp/californiainterregionalblueprint/images/maps/Priority_Reg-Corridors.pdf

http://www.dot.ca.gov/hq/tpp/californiainterregionalblueprint/images/maps/Statewide_Gap_Map.pdf

http://www.mtc.ca.gov/planning/2035_plan/FINAL/T2035_Plan-Final.pdf

<http://www.sacramentoshipchannel.org/>

http://www.ice.ucdavis.edu/CTP/Consultation%20Meeting/CTP%20Addendum%20Final%20Draft%204_9_07WOtrckg.pdf

http://www.sacregionblueprint.org/sacregionblueprint/the_project/maps/counties/sacramento/delta/scenariomap.html

California Transportation Planning
2009-2012

<https://www.psomas.com/main.cfm?&projDetail=1&thesection=projects&projView=service&thesubsection=Program%20and%20Construction%20Management&thepage=Contra%20Costa%20Water%20District,%20Alternative%20Intake%20Project.html>

CCWD Victoria Canal Intake

	<p>http://www.safca.org/Programs_Folsom_Dam.html Folsom Dam Expansion & South Canal diversion</p> <p>http://www.safca.org/documents/NLIP%20main%20page%20stuff/2010JUN24.CVFPB.NLIPTour.pdf Natomas area levee improvements & fish screen & pumps</p> <p>http://www.safca.org/documents/SouthSacStreamsProject/MAP.SACRAMENTO%20AREA%20LEVEE%20INVENTORY_sssg_tags_v7_36x36.pdf South sac streams project</p> <p>http://www.safca.org/documents/Volume2.Appendix.SRBPP.25.Erosion.Sites.EA.IS.pdf</p> <p>http://www.water.ca.gov/engineering/Projects/Current/SBA_Enlargement/ South Bay Aquaduct enlargement</p> <p>http://www.water.ca.gov/engineering/Projects/Past/South_Delta/ SDIP</p> <p>http://www.usbr.gov/mp/dmcrecirc/docs/dmc_recirc_iair_03-2008.pdf Recirculation of Westsides bad water</p> <p>http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/phase2_information.cfm DRMS Phase 2...posted but not for comment</p> <p>http://deltarevision.com/wrong-maps-of-the-delta.html A smattering of the maps used for the plans for the Delta....you will see that some of these planners do not know the Delta they are revising!</p>	
		SFEI publishes a book on Delta Ecological history, incorrectly cataloging important historical facts, with the result that other organizations are using substantially misleading data and maps from this organization.
Jan 2012	(see below) http://www.water.ca.gov/cvfmp/docs/MeetingtheChallenge-FloodManagementImplementationActivities.pdf	Links to the different documents all posted for review and comment within 1 month of each other. Each series of documents is not by itself a whole plan for California Water, but taken together it could be construed that way. In the meantime, documents that Delta-area residents were given the opportunity to have input seem to be largely ignored.
2012	http://www.deltacouncil.ca.gov/sites/default/files/documents/files/Final_Interim_Plan_Revised_100827.pdf	Delta Interim Plan (2010 but in effect and construction projects for conveyance and in-delta storage proposed for action in 2012-2013)
2012	http://www.deltacouncil.ca.gov/delta-plan-draft-eir	Delta Plan
2012	http://www.deltacouncil.ca.gov/sites/default/files/documents/files/Fifth_Staff_Draft_Delta_Plan_080211.pdf	5 th Staff Draft of Delta Plan and Appendix (first published in August 2010 but incorporated into Delta Plan so must

	http://www.deltacouncil.ca.gov/sites/default/files/documents/files/Fifth_Staff_Draft_Delta_Plan_080211_Appendices_0.pdf	be reviewed with Delta Plan, if possible
2012	http://www.baydeltaconservationplan.com/Library/DocumentsLandingPage.aspx http://www.baydeltaconservationplan.com/Library/DocumentsLandingPage/BDCPPlanDocuments.aspx	BDCP is releasing sections of the “conservation plan” for review, but its not the official comment period yet. However, since the Delta Plan incorporates BDCP by reference, it must be reviewed and what is available considered.
2012	http://baydeltaconservationplan.com/Libraries/Whats_in_Plan/Pages%20from%20draft_BDCPreport_11292010_ClickableLinks7-Ch_3.pdf http://www.bdcplib.com/Libraries/Whats_in_Plan/figures/Chpt_3_figs/Fig_3.8_Distribution_Inland_Dune_Scrub_Lands.pdf http://www.bdcplib.com/Libraries/Whats_in_Plan/figures/Chpt_3_figs/Fig_3.2_Restoration_Opportunity_%20Areas%20%28ROAs%29.pdf	Chapter 3 re conservation zones ROA – Restoration Opportunity Areas
	http://www.water.ca.gov/cvfm/docs/2012_CVFP_FullDocumentLowRes_20111230.pdf work being done now in areas like Boudin Island off Hwy 12...map: 2012 Central Valley Flood Protection Plan, which is different than... http://www.water.ca.gov/cvfm/docs/2012_CVFP_FullDocumentLowRes_20111230.pdf	
2012	http://www.baydeltaconservationplan.com/Library/DocumentsLandingPage/EIREISDocuments.aspx	EIR/EIS Docs
2012	http://bdcplib.com/Libraries/Dynamic_Document_Library/Chapter_3_-_Figures.sflb.ashx	Possible “conservation” alternatives after most of the Sacramento River water flow is diverted, so state agencies and the water exporters have to decide what to do with what’s left...
2012	http://bdcplib.com/Libraries/Dynamic_Document_Library/Chapter_15_-_Figures.sflb.ashx http://bdcplib.com/Libraries/Dynamic_Document_Library/Chapter_19_-_Figures.sflb.ashx	Recreation facilities by county...misses a few! transportation
2012	http://www.baydeltaconservationplan.com/Libraries/Dynamic_Document_Library/First_Amendement_BDCP_MOA_Redline_Edits_12-16-11.sflb.ashx	Gang up on the Delta
2012	http://www.resources.ca.gov/docs/Highlights_of_the_BDCP_FINAL_12-14-10_2361.pdf	Summary from 2010
2012	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/phase2_information.cfm http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/phase1_information.cfm	DRMS Phase II Look at this! DRMS Phase 1 data used in Phase II and BDCP even though there were sections that were entirely wrong
2012	http://www.water.ca.gov/cvfm/docs/FCSSRDec2011_FullDocument.pdf 2008	Flood control system status report, which is different

	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/timeline.cfm	than...
2012	http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/timeline.cfm	As of 2012 the DRMS Phase 1 false Ryer Island data shows online and given the failure of DWR to notify drafters of the Delta Plan of DRMS data corrections, the wrong data continues to be used and sited in 2012.
2012	http://www.water.ca.gov/cvfpmp/docs/2012_CVFPMP_FullDocumentLowRes_20111230.pdf	2012 Central Valley Flood Protection Plan, which is different than...
2012	http://www.water.ca.gov/cvfpmp/docs/SPFCDescriptiveDocumentNov2010.pdf	State Plan of Flood Control Description Document (2010)
2012	http://www.water.ca.gov/floodmgmt/docs/map_sac&sj_designflows.pdf	Map of flood control plan in 2012...compared to the original flood plan of the 1950's...notice the diversion of all Mokelumne River water as if its part of San Joaquin River flow? Hence the changes to the hydraulic regions of California as shown by the revised maps...
2012	http://deltarevision.com/sacramento-river-waterflow.html http://deltarevision.com/computer-modeling.html	Hydraulic regions then and now and how it affects water flow in and out of the Delta
2012	http://www.water.ca.gov/floodmgmt/docs/map_sac_sj_schematic.pdf	System schematic then and now.
-2012 constr	http://www.water.ca.gov/floodmgmt/dsmo/docs/NDFEIR.pdf (2010 ier-2012 construction) http://www.water.ca.gov/floodmgmt/dsmo/sab/ndp/ http://www.water.ca.gov/floodmgmt/dsmo/docs/Directors_Decision_Memo(DDM).pdf http://www.water.ca.gov/floodmgmt/dsmo/docs/NDFEIR.pdf	North Delta Improvement Project...conveyance planning using restoration wording. Note that in the 2000 CALFED ROD all of this was part of the "conveyance" plan. Drive around the Delta in 2012 to see the construction underway! http://deltarevision.com/2012_delta_construction.html
2012	http://www.dot.ca.gov/hq/tpp/offices/osp/ctp2025_files/CTP_2006.pdf http://www.dot.ca.gov/hq/tpp/index_files/ctp_2030_oct_2007.pdf http://www.dot.ca.gov/hq/tpp/offices/osp/ctp.html	California Transportation plan and addendum
2012	http://www.dot.ca.gov/hq/tpp/californiainterregionalblueprint/images/maps/Map_3_SAC_OG_02092010.pdf	Sacramento County reference to Blueprint
2012	http://www.dot.ca.gov/hq/tpp/californiainterregionalblueprint/images/maps/Statewide_Gap_Map.pdf	Goods movement plan-no Sac Ship Channel
2012	http://www.dot.ca.gov/hq/tpp/californiainterregionalblueprint/images/maps/Focus_Route_Dev_Strat-1998-2020.pdf	
2012	http://www.dot.ca.gov/hq/tpp/californiainterregionalblueprint/images/maps/Priority_Regions-Corridors.pdf http://www.dot.ca.gov/hq/tpp/offices/osp/ctp2025_files/ctp13.pdf http://www.dot.ca.gov/hq/tpp/offices/osp/ctp2025_files/ctp16.pdf http://www.dot.ca.gov/hq/tpp/offices/osp/ctp2025_files/ctp16.pdf http://www.dot.ca.gov/hq/tpp/index_files/ctp_2030_oct_2007.pdf	Seaports and good movement corridors

	http://www.co.solano.ca.us/depts/rm/planning/general_plan.asp	Solano County General Plan Update 2008
	http://www.cityofwestsacramento.org/generalplan2030/pdf/wsgpu_br_7recult.pdf http://www.cityofwestsacramento.org/generalplan2030/pdf/wsgpu_altsnews.pdf	West Sacramento planning
	http://www.sacgp.org/MasterEIR.html http://www.sacgp.org/documents/04_Part2.05_Uilities.pdf	
	http://www.sacregionblueprint.org/sacregionblueprint/the_project/scenariomap_region.html http://www.sacregionblueprint.org/implementation/pdf/blueprint-book.pdf http://www.sacog.org/2035/ http://www.sacog.org/2035/2011/11/draft-mtppscs-released/	Sacramento County Blueprint, including the Delta islands of the county
	http://www.sacog.org/2035/files/Draft-mtppscs/appendices/E-3%20Land%20Use%20Forecast%20Background%20Documentation.pdf	See page 71 for the projection for unincorporated Sacramento County residential units, which includes Grand Island area....
	http://www.deltarevision.com/Issues/waterflow/exports_value-2000-2009.jpg	
	http://www.sacdeltasolutions.com/delta_decline.php	Delta Facts Delta Fiction good video!
	http://www.acwa.com/	
	http://www.water.ca.gov/floodmgmt/dsmo/docs/Fluvial_Process_Optimization.pdf	
	http://www.mwdh2o.com/mwdh2o/pages/yourwater/supply/delta/background.html	Metropolitan Water District –Los Angeles, etc
	http://westlandswater.org/wwd/default2.asp?cwide=1402	Westlands Water District-Kern County, etc
	http://www.zone7water.com/index.php?option=com_content&task=view&id=47&Itemid=218	Zone 7 Pleasanton, Livermore, San Ramon, etc
	http://www.saic.com/eeandi/projects/bay-delta-conservation-plan.html	SAIC one of the main consultants
	http://articles.sfgate.com/2006-03-15/business/17284592_1_levee-repairs-urs-division-urs-corp http://www.water.ca.gov/floodmgmt/dsmo/sab/drmsp/docs/Risk_Report_Section_0_Final.pdf	URS consultant for DRMS 1 & II
	http://baydeltaconservationplan.com/Libraries/Dynamic_Document_Library/EIR-EIS_Chapter_7_-_Figures_2-29-12.sflb.ashx	Effects to groundwater around the Delta and beyond from BDCP
	http://www.n-h-i.org/nc/programs/ecosystem-restoration/delta-restoration.html?sword_list%5B%5D=delta	Driving force on restoration, it appears
2009-2012	https://www.psomas.com/main.cfm?&projDetail=1&thesection=projects&projView=service&thesubsection=Program%20and%20Construction%20Management&thepage=Contra%20Costa%20Water%20District,%20Alternative%20Intake%20Project.html	2009-2012
CCWD Victoria		CCWD Victoria Canal Intake

Canal Intake		
	http://www.safca.org/Programs_Folsom_Dam.html	SAFCA is one of the agencies doing the “regional” projects that are part of the CALFED building blocks of new intakes and levee revisions for NORTH of the Delta
Folsom Dam Expansion & South Canal diversion		Folsom Dam Expansion & South Canal diversion
2012	http://www.water.ca.gov/cvfpmp/docs/Att7A_Local_Reg_Projects_%2020120127.pdf	Flood control projects
	http://www.water.ca.gov/nav/nav.cfm?loc=t&id=100 http://www.waterboards.ca.gov/waterrights/	DWR website pages related to the Delta-just a few of them...and the waterrights site
July 2012	http://snugharbor.net/images2012/deltastuff/deltahistory/Delta%20History.pdf http://snugharbor.net/images2012/deltastuff/1.30.09_BDCP_IT-ND_Diversion_Effects_Presentation.pdf (2009 BDCP presentation saved by NSS for SHR)	1945 to 2012 California Water Conveyance Historical Plans (second half of presentation pdf)
	http://www.cvpfb.ca.gov/meetings/2012/Item%204b.CVFPF%20Final%20Adoption%20Resolution%20for%20June%2029%20Meeting.pdf	Adoption of the new flood control plan for the Delta area
2013	Links to be added: This is the year of the deluge of documents and EIR/EIS notices! http://www.baydeltaconservationplan.com	Bay Delta Conservation Plan
	http://deltacouncil.ca.gov/ http://deltacouncil.ca.gov/sites/default/files/documents/files/DeltaPlan_2013_CHAPTERS_COMBINED.pdf http://deltacouncil.ca.gov/sites/default/files/documents/files/DeltaPlan_2013_APPENDIXES_COMBINED.pdf http://deltacouncil.ca.gov/high-resolution-maps-delta-plan http://deltacouncil.ca.gov/sites/default/files/documents/files/Fig1-1_DP370_Delta_Boundaries.pdf http://deltacouncil.ca.gov/sites/default/files/documents/files/Fig1-4_DP349_Delta_Plan%5B1%5D.pdf http://deltacouncil.ca.gov/sites/default/files/documents/files/Glossary_2013.pdf	Delta Stewardship Council actions

	http://deltacouncil.ca.gov/sites/default/files/documents/files/Delta%20Science%20Plan_Proposed_Final_Draft_final_final_10-17-13.pdf http://deltacouncil.ca.gov/sites/default/files/documents/files/Fig5-6_DP210_MapRecreation.pdf	
	http://www.usgs.gov/faqs/index.php?sid=54684&lang=en&action=show&cat=229 http://www.conservation.ca.gov/dog/general_information/Pages/HydraulicFracturing.aspx http://www.conservation.ca.gov/dog/Documents/2012%20Oil%20and%20Gas%20Production%20by%20County.pdf	<p>CA proposes “fracking” regulations years after the oil and natural gas companies have started horizontal explorations, potentially already affecting private wells and whole aquifers. In Kern County, permits to use fracking to get at oil reserves is based on “future water resources”-they assume the tunnels of the Delta Plan/BDCP are already a done deal before the public has an official opportunity to comment or influence outcomes.</p>
		Delta Conservancy
		Yolo Bypass
		San Joaquin SCARF
	http://www.water.ca.gov/storage/docs/NODOS%20Project%20Docs/nodos_map_fact_sheet_7-2011(2).pdf http://www.waterplan.water.ca.gov/docs/cwpu2013/2013-prd/Vol3_Ch13_SurfaceStorageCALFED%20PublicReviewDraft_Final_PDFFed_co.pdf	In-Delta storage and North of the Delta projects
		Folsom Dam and Folsom South Canal
	http://www.waterplan.water.ca.gov/cwpu2013/prd/index.cfm	CA Water board update
	http://www.resources.ca.gov/docs/Final_Water_Action_Plan.pdf http://www.waterplan.water.ca.gov/cwpu2013/prd/index.cfm volume 1, 2, 3 http://www.waterplan.water.ca.gov/docs/cwpu2013/2013-prd/Vol2_Delta_RR_Public-Review-Draft_Edited_Final_JW_wo.pdf http://www.waterplan.water.ca.gov/docs/cwpu2013/2013-prd/Vol2_Delta_RR_Public-Review-Draft_Edited_Final_JW_wo.pdf http://www.waterplan.water.ca.gov/docs/cwpu2013/2013-prd/Vol3_Ch07_SystemReop_PubReviewDraft_Final_PDFFed_co.pdf http://www.waterboards.ca.gov/board_reference/2012fall/vicky_w_handout_cawaterplan.pdf	<p>CA Water plan update: these documents were drafted 2009-2010 but released to the public in 2013</p>

	http://www.dfg.ca.gov/SWAP/ https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=72636&inline=1 http://www.dfg.ca.gov/SWAP/timeline.html	Update to state wildlife plan
	http://www.water.ca.gov/irwm/stratplan/	Integrated water plans help to shift Sacramento River water into the San Joaquin River system for more exports
		Delta levee studies and reviews
		BCDC and Suisun Marsh

<http://caselaw.findlaw.com/ca-court-of-appeal/1538571.html>