

37°39'0"N •	Actions	Upper Stanislaus		Special Considerations		from Corps of Engineers. District officials had to travel to Sacramento to	1997	Over a 3-day period centered on January 1 warm moist winds from the	£	
	<ul> <li>Position equipment to make Mizuno Farms Relief Cut. Upon failure of primary</li> </ul>					obtain permission to make cut. By this time it was almost too late to save		southwest blowing over the Sierra Nevada poured more than 30 inches of	т — Э	37°39'0"N
	levee, make cut to just above water level of river. Monitor elevation of impounded	Highwater Event		Drainage		ine tranem Dryland Levee. Small millar cut with back noe widened fast naturally to 200'. Second cut was unnecessary since this cut widened fast		Decembers on record By Thursday, January 2 Don Pedro Reservoir and	4	
	flood waters and complete cut when elevation of impounded waters reach elevation	The general strategy will be to flood fight Local Interest Private Levee (LIPL) along river		Reclamation districts covered by this map have several pumping stations as shown for		enough to prevent overtopping of Trahern Levee RD2075 officials		Millerton Lake at Friant Dam releases were much above channel capacity		
	of river waters.	and prepare to implement emergency actions.		day-to-day drainage of reclaimed land. Cement culverts with gates are also in place as		conducted flood fight on Trahern Dryland Levee to prevent movement of		Don Pedro water, in particular, caused a dramatic surge in San Joaquin		
				shown to allow gravity flow drainage back into the river if impounded water levels are		water northward. District officials, with materials and crews from		River stages by early morning of Saturday, January 4. Following levee		
	<ul> <li>Protect interior slopes of district levees.</li> </ul>	Actions		high enough. In the event of flooding, districts would use culverts at low end of RD2064		Department of Water Resources, laid visquine wave wash protection and		failures in RD2064 on January 5, 1997 Department of Water Resources		
				and RD2096 (end of Walthall Slough) to drain area by gravity flow once river water		raised levee with sandbags. Once PL99 assistance was approved by		and RD2075 officials began a flood fight on the Trahern Dryland Levee to		
	Failure of RD 2094 or RD 2096 Primary Levee	<ul> <li>Establish levee patrols with affected property owners. Closely monitor levee reach</li> </ul>		elevations have subsided. Drainage pumps would be used to drain remaining ponded		COE, that agency did work all night to raise levee with earth fill and rock		prevent water from flowing northward. District official Lloyd Hayward		
	The general flood fight strategy will be to flood fight Almondwood Dryland Levee to	at east end of Moncure Road where direct river flow impinges on levee.		water.		the water side. Dairy farmer just to south of Trahern levee flood fought		closed gates one-quarter mile west of Airport Way to prevent water from		
	prevent flood waters from backing up into RD2075.					private levee until its failure next day. (Baldwin and interviews with District		flanking the Trahern Levee. Corps of Engineers under PL99 were		
		<ul> <li>Monitor water levels at Jack Tone Golf Course bluff.</li> </ul>		RD 2064		Officials)		requested to flood fight Trahern Dryland Levee which was approved.		
	Actions			District generally inaccessible to barges from downstream.				Corps of Engineers contractors placed leach line rock on top of levee to		
		<ul> <li>Identify equipment to make Brocchini Farms Relief Cut in the event of a breach.</li> </ul>			1997	Over a 3 -day period centered on January 1, 1997 warm moist winds from		prevent wave wash damage. Water levels reached top of levee where		
	<ul> <li>Coordinate with P.G.&amp;E. to cut power to areas impacted by flood waters</li> </ul>	Dreparty owners and City of Dipan designate representatives to South Dalta Unified				the southwest blowing over the Sierra Nevada poured more than 30		previously placed gravel prevented washout from slight overtopping flow.		
		<ul> <li>Property owners and City of Ripon designate representatives to South Delta Unified</li> <li>Elect Eight Command</li> </ul>				inches of rain into watersheds that were already saturated by one of the		By atternoon of Monday January 6 trucks and neavy equipment could not		
	<ul> <li>Flood fight Almondwood Dryland Levee.</li> </ul>					wettest Decembers on record. By January 2, 1998 Don Pedro Reservoir		COE coased flood fight work on levee that afternoon. District officials fee		
		Threatened Movement of Water North of Jack Tone Colf Course Bluff				and Milletion Lake at Friant Dam releases were much above channel		that Trabern Levee would have failed if break further downstream had no	+	
	<ul> <li>Protect interior slopes of district levees.</li> </ul>	Threatened movement of water North of Jack Tone Gon Course Didin		Osmunusia stienes Dien		Logguin River stages by early morning of January 4, 1997. Stanislaus		occurred early next morning. During the time of the flood fight on the		
	Support DD17 flood fight of Woodword Drylond Loves	The general flood fight strategy will be to implement Jack Tone Golf Emergency Flood		Communications Plan		river flows were near channel capacity because of greatly increased		Trahern Dryland Levee, district officials noticed instability and bulging on		
	• Support RD17 flood light of woodward Dryland Levee.	Protection Plan.				releases from New Melones Reservoir. District officials feel that restricted		their primary levee one-guarter mile downstream from junction with Hays		
	Failure of Stanislaus Piver Levees Fast of Manteca Poad Dryland Levee			Field Command Posts		capacity of channel at Airport Way bridge caused these high flows to back		Road. An additional problem area was being watched downstream. At		
37°38'0"N	Tallule of Stallislaus River Levees Last of Manteca Road Dryland Levee	Actions		RD 2075 South Delta Unified, Cardoza Hay Barn 121°15'20.96"W 37°43'27.78"N		up further. Numerous boils were responded to during the next 36 hours.		2:00 a.m on Tuesday, January 7 levee patrol found that levee at first		
	The general flood fight strategy will be to flood fight Manteca Road Dryland Levee,	<ul> <li>Identify againment and material to implement plan while manitoring water on golf</li> </ul>				At approximately 2:00 p.m on Sunday January 5, San Joaquin levee failed		location near Hays Road had pushed out. Levee road was still		07000000
	make Brocchini Farm Relief Cut, and install emergency pumps at mouth of Walthal	course and river flow predictions		Communications Equipment		one-fourth of a mile above Airport Way bridge near where flood fight work		overhanging break upon discovery but quickly collapsed into break which		37°38'0"N
	Slough to evacuate flood waters that may move north and west into Walthal Slough.	course and river now predictions.				was in progress. At approximately 4:00 p.m the same day Stanislaus River		spread to over 1,200 feet over the next several days. Water reached		
		<ul> <li>Implement Jack Tone Golf Emergency Flood Protection Plan in event flood waters</li> </ul>		The District does not own communications equipment.		levee failed near Sturgeon Bend, one-quarter mile upstream from junction		Almondwood Dryland Levee around 5:30 a.m. Water reached Weatherby	y	
	Actions	threaten to move north of bluff				with San Joaquin River. At approximately 10 p.m that night district officials		Lake by 7:00 a.m that morning. Levee breach opened to 1,200 feet over		
	$\sim$ Coordinate with D.C. $^{\circ}$ E, to out neuror to grade impacted by flood waters					made relief cut at same site as in 1983 as shown on map (Upper Cardoza		several days. District remained flooded until March 1997. (Baldwin with		
	○ Coordinate with P.G.&E. to cut power to areas impacted by nood waters.	Failure of Stanislaus River LIPL Levee East of Manteca Road Dryland Levee		Internal Communications		Relief Cut). Higher water levels at time of cut did not produce as rapid		interviews of District Officials)		
	<ul> <li>Elood fight Manteca Dryland Levee Close Melton and Perrin Roads with</li> </ul>			Means of internal communications among district staff and levee patrols will be personal		growth of cut as in 1983. By early morning it was apparent that water	0000	Outing flagshare and as One large 's D' and a transition during 's		
	emergency herms	I ne general flood fight strategy will be to facilitate movement of water west to minimize		cellular telephones. Telephone numbers will be assigned for response functions at the		levels in the district were still rising and a second relief cut was begun at	2006	Spring flood occurred on San Joaquin River due to sustained rains in		
	chicigency benna.	extension of water to north and make Brocchini Farms Relief Cut if conditions warrant.		time of activation.		7:00 a.m Monday January 6, downstream near Tranern cross levee as		March that saturated ground culminating in a very neavy rainfall event on		
\	<ul> <li>Extend Almondwood Dryland Levee if needed to control any flow towards Walthal</li> </ul>	Actions				shown on map (Lower Cardoza Rener Cut). Approximately intee nours		April 2110-411 which forced reservoirs to make large releases. Initial predictions of a 32' stage at Vernalis, combined with a forecasted		
н—	Slough.	Actions				at Cardoza Village creating a third route for waters in the district to reenter		additional large precipitation event initiated a large flood fight operation		
	, , , , , , , , , , , , , , , , , , ,	Position equipment to make Brocchini Farm Relief Cut Upon failure of LIPL levee		Communications with outside Jurisdictions		the river. This failure caused the loss of two homes in Cardoza Village		Precipitation event failed to occur and subsequent peak flow crested at		
	<ul> <li>Position equipment at Brocchini Farms Relief Cut. If impounded floodwater</li> </ul>	monitor elevation of impounded flood waters and complete cut when and if		Drimen, means of communications with subside invisidiations will be necessaril collular		RD2075 officials, assisted by Department of Water Resources staff on-		35.000 cfs at Vernalis Gauge causing a peak stage of 29.3'. Erosion		
	elevations exceed elevation of river water complete relief cut.	impounded waters reach elevation of river waters at relief cut site.		telephonea. Secondary means of communications will be attendened at the South Delta		site, began a flood fight on the Trahern Dryland Levee to prevent water		protection and seepage control work were necessary at nearly a dozen		
				Unified Eleged Eight Command mostings		from flowing northward. See text box at right.		sites but no levees failed. Extensive seepage flooded numerous fields		
	<ul> <li>Install emergency pumps at mouth of Walthal Slough to pump flood waters entering</li> </ul>	<ul> <li>If breach is to east of Mohler and Moncure Roads intersection, cut road</li> </ul>		onineu ribbu right command meetings.				and some structures and seepage continued to hinder farm operations		
	slough back into river.	embankment at that point to facilitate westward flow of flood waters.			2006	See text box at right.		into the summer. (Baldwin after interview with Art Hinojosa)		
	VIELDCENT 711 N. Derebing Avenue N. Map Source: KSN. Jr	IC.				RECLAMATION DISTRICT 2076				
	KJELDSEN     All Persning Avenue       Stockton, CA 95203     Map Date: 12-10-2015								GUKE 13	37°37'0"N
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	1355 Halyard Drive, Suite 100								\ A	
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INC.	Civil Engineers 916-403-5900	OFFICE OF EMERGENC	Y SERVIC	JES I						
	and Land Surveyors www.ksninc.com	LIFORM								
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	121°19'0"W 121°18'0"W	121°17'0"W 121°16'0"W		121°15'0"W 121°14'0"W	121°13'0'	"W 121°12'0"W	121°11'0"W	121°10'0"W		
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