

Proof DRMS is wrong as to Ryer Island, and therefore also wrong regarding any calculations that utilized incorrect island inundation numbers:

Ryer Island has not flooded since the current levee was constructed. However, DRMS incorrectly listed Ryer Island as flooding “3-5 times in last 100 years”, using 2005 as the study base year. Ryer Island flood, inundation or failure historical data should say “0” or if DWR insists on counting inundation records from *before* the levees were even built, then for Ryer Island the number would be “1” as the non-leveed island history indicates flooding in 1907. Therefore, since the underlying data used to calculate probability of failure is incorrect, the resulting calculations are also incorrect, and the summary of the calculations of all Delta islands statistical probability of failure is also incorrect.

Notice of use of incorrect Ryer Island historical data was provided to DWR/DV representative scientists in August, September and November 2008. During 2009 many different governmental representatives from DWR, DV, BDCP and Solano County were also advised of the incorrect data. In October 2009 DWR acknowledged the incorrect data regarding Ryer Island and agreed to make corrections and notify persons/agencies using DRMS data so that subsequent reports would not be wrong. As of mid-November, 2009, the correction still does not show online. Below are sections of DRMS at the link as shown:


 http://www.water.ca.gov/floodmgmt/dsmo/sab/dmisp/docs/Risk_Report_Section_13_Final.pdf

Table 13-8 Delta and Suisun Marsh Individual Island Composite Rates of Failures

URS_ID	URS Name	Annual Mean No. of Failures	Probability of Failure in 25 years	Probability of Failure in 50 years	Probability of Failure in 100 years
143	Rindge Tract	1.38E-02	29%	50%	75%
187	Shima Tract	1.38E-02	29%	50%	75%
7	King Island	1.38E-02	29%	50%	75%
19	Woodward Island	1.38E-02	29%	50%	75%
1002	Drexler Tract	1.32E-02	28%	48%	73%
1003	Roberts Island	1.32E-02	28%	48%	73%
115	Upper Roberts Island	1.32E-02	28%	48%	73%
169	McCormack Williamson Tract	1.31E-02	28%	48%	73%
210	Ryer Island	1.30E-02	28%	48%	73%
6	Bradford Island	1.08E-02	24%	42%	66%
86	Terminus Tract East	1.06E-02	23%	41%	65%
159	Boggs Tract	1.04E-02	23%	41%	65%
171	Cosumnes River Area	1.00E-02	22%	39%	63%
32	Coney Island	9.63E-03	21%	38%	62%
13	Holland Tract	9.07E-03	20%	36%	60%
141	Merritt Island	8.98E-03	20%	36%	59%
120	McMullin Ranch	8.90E-03	20%	36%	59%
147	Grand Island	7.39E-03	17%	31%	52%
14	Dutch Slough West	7.12E-03	16%	30%	51%
77	Elk Grove South East	6.46E-03	15%	28%	48%
175	Canal Ranch	6.46E-03	15%	28%	48%
170	Glanville Tract	6.46E-03	15%	28%	48%
173	Deadhorse Island	6.46E-03	15%	28%	48%
TOTAL DELTA		1.41E+00	100.00%	100.00%	100.00%
TOTAL CACHE SLOUGH AREA		2.67E-01	99.87%	100.00%	100.00%
TOTAL SUISUN MARSH		8.71E+00	100.00%	100.00%	100.00%



WRONG

