

Declare Water Supply Condition for 2009

Water Planning and Stewardship Committee

8-7

April 13, 2009

Background

- Delta smelt impacts began in May 2007
- Development of Water Supply Allocation Plan in July 2007
- Interruption of IAWP (30%) and Replenishment Program
- Other programs/initiatives
 - Advertising Campaigns and Outreach
 - Public Sector Program
 - Five-Year Supply Plan
- “Water Supply Alert” and call for ordinances

Key Decision Factors

- Other Water Supplies and Programs
 - CRA Supplies
 - Water Transfers on the California Aqueduct
- Calendar Year Demands and Water Need
 - January through June 2009
 - Losses/Other
- SWP Supply Potential
 - Current Allocation
 - Anticipated April Update
 - Final Allocation
- Storage Thresholds
 - 350 TAF to maintain reserves for future conditions
- Fiscal Year 2009/10 Sales

2009 WSAP Level 2

(WSAP Base Demand = 2.11 MAF)

	20% SWP	25% SWP	30% SWP	35% SWP	40% SWP
CRA	1.10	1.10	1.10	1.10	1.10
SWP + Transfers	0.50	0.61	0.71	0.81	0.92
Total Supply	1.60	1.71	1.81	1.91	2.02
CY Demand	2.05	2.05	2.05	2.05	2.05
Remaining Need	0.45	0.34	0.24	0.14	0.03
Need vs. 350 TAF	.100	.010	.110	.210	.320
FY 09/10 Sales	1.98	1.98	1.98	1.98	1.98

2009 WSAP Level 2

(WSAP Base Demand = 2.11 MAF)

	20% SWP	25% SWP	30% SWP	35% SWP	40% SWP
CRA	1.10	1.10	1.10	1.10	1.10
SWP + Transfers	0.50	0.61	0.71	0.81	0.92
Total Supply	1.60	1.71	1.81	1.91	2.02
CY Demand	2.05	2.05	2.05	2.05	2.05
Remaining Need	0.45	0.34	0.24	0.14	0.03
Need vs. 350 TAF	.100	.010	.110	.210	.320
FY 09/10 Sales	1.98	1.98	1.98	1.98	1.98

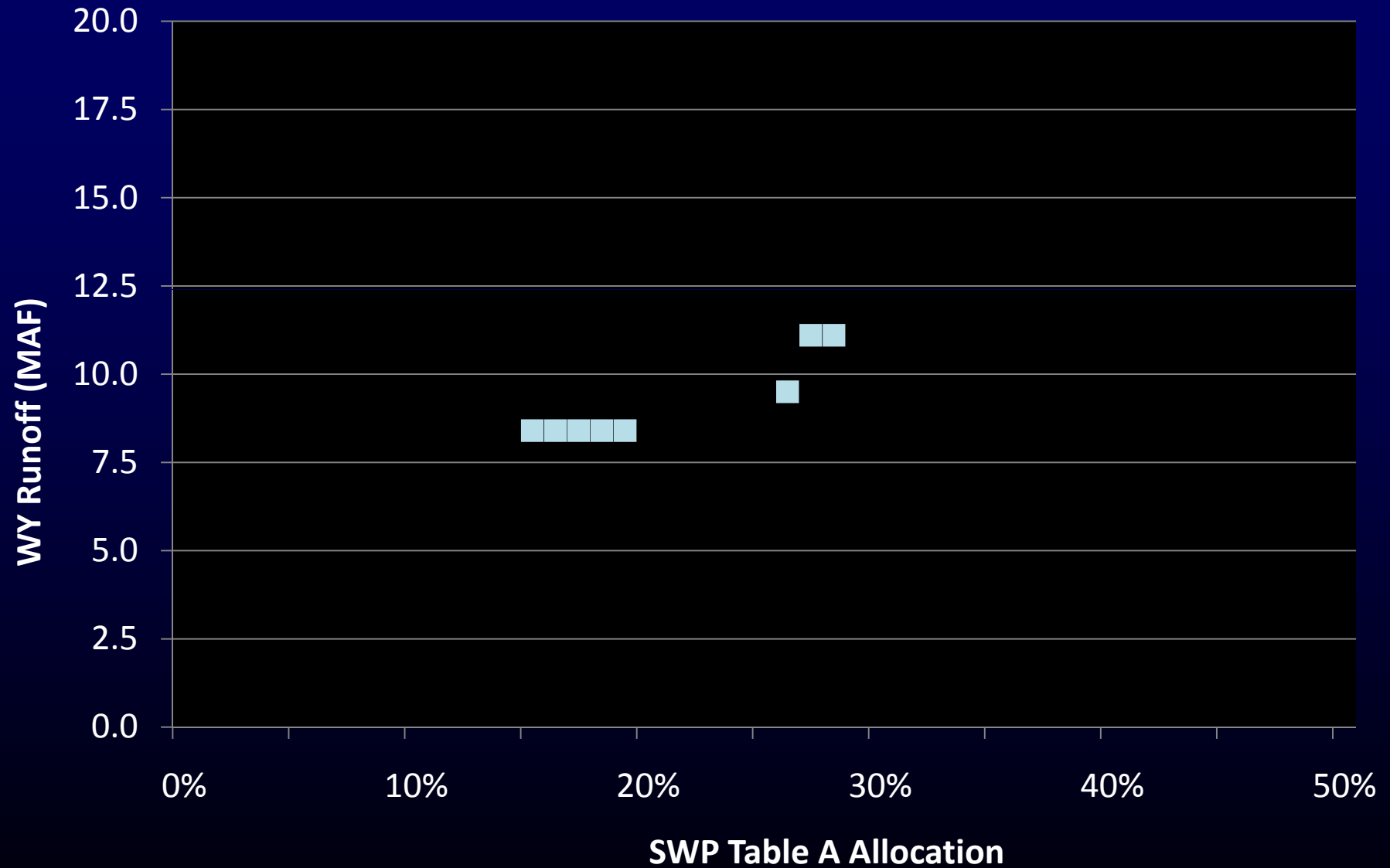
DWR March 18 Table A Study



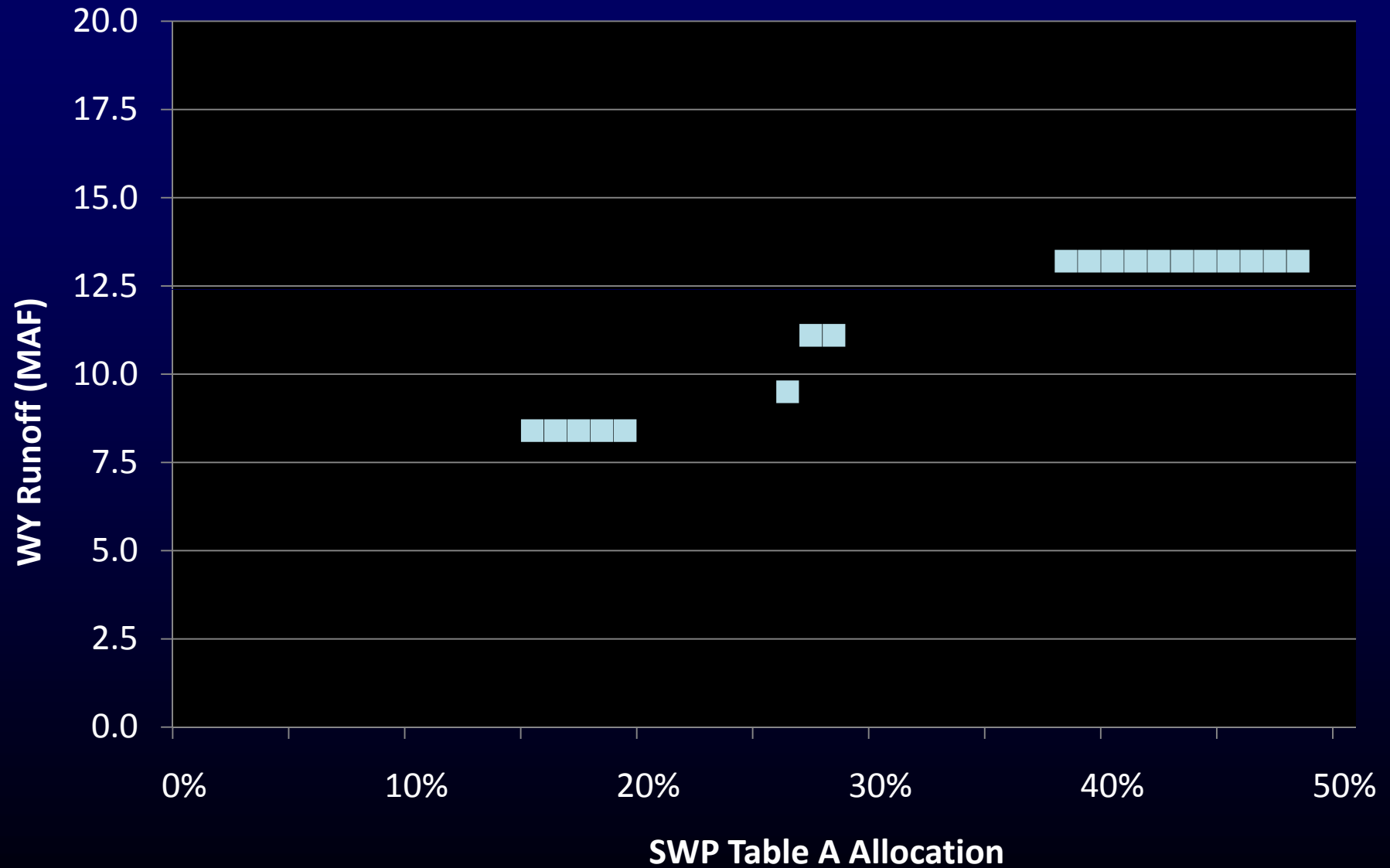
DWR March 18 Table A Study



DWR March 18 Table A Study



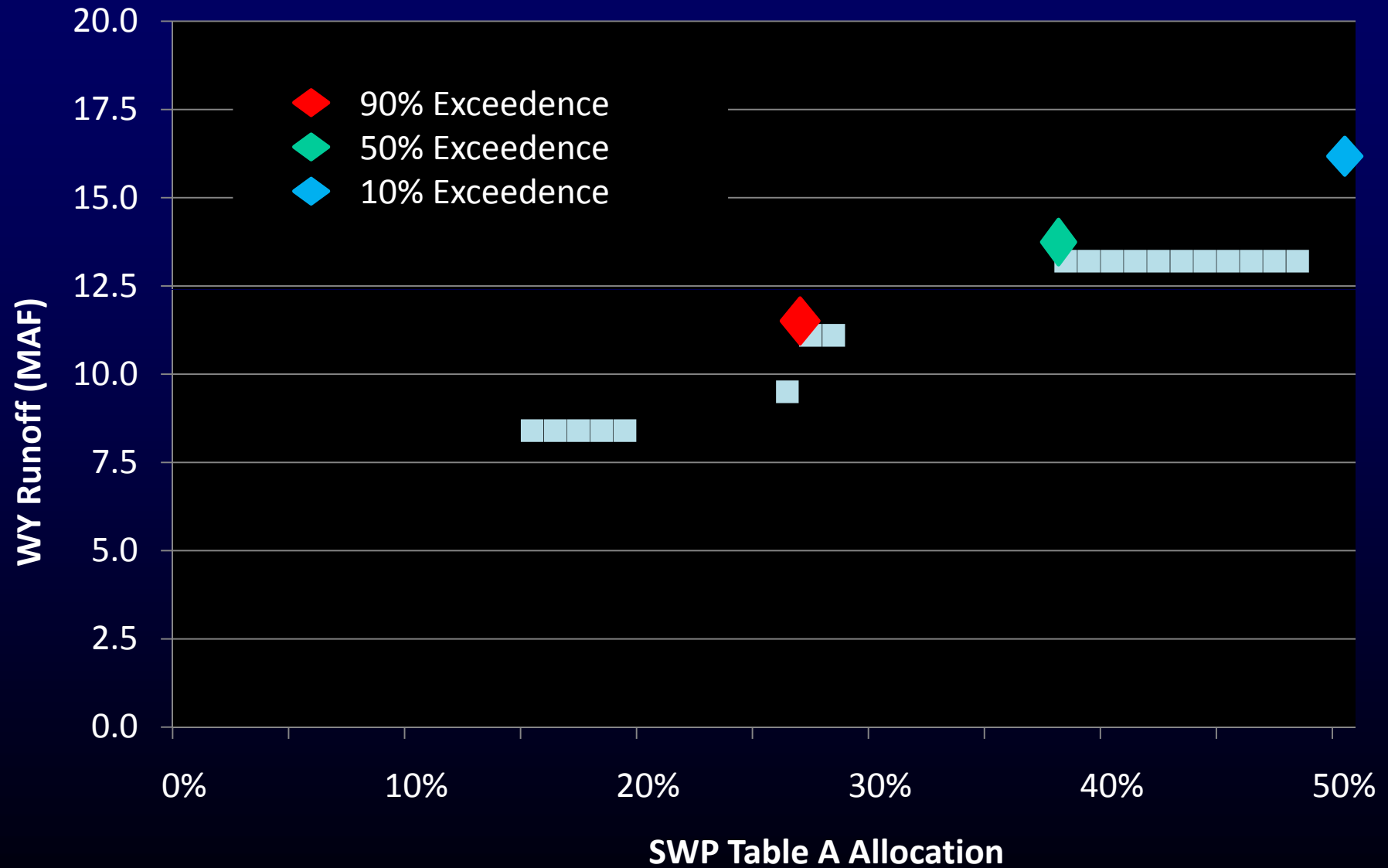
DWR March 18 Table A Study



DWR Sacramento River Runoff Projections (Million Acre-Feet)

Forecast	March 1, 2009	April 1, 2009	Change
90% Exceedence	8.4	11.2	+2.8
50% Exceedence	11.1	12.8	+1.7
10% Exceedence	15.8	15.6	-0.2

DWR March 18 Table A Study with March 24 Runoff Estimates



WSAP Level 2

- Storage Impacts
 - Operation within 350 TAF threshold with 25% and higher SWP Table A
- SWP Supply Potential
 - DWR Runoff and Allocation Study Updates
 - Likely update to 25% and higher
- Maintains FY90/10 Sales above 1.9 MAF

Next Steps

- WSAP Allocation effective July 1, 2009 through June 30, 2010
- May Board Report on Member Agency base period data and estimated allocations
- On-going reporting

Board Options

- Option 1
 - Adopt the CEQA Determination
 - Adopt Resolution
 - Declare a “Water Supply Condition 3 – Water Supply Allocation”
 - Implement the WSAP at Level 2, effective July 1, 2009 through June 30, 2010
- Option 2
 - Decline to adopt Resolution
 - Decline to declare a “Water Supply Condition 3 – Water Supply Allocation”
 - Decline to implement the WSAP

Staff Recommendation

- Option 1