

# A climate timeline for California's salmon

| 2012                               | 2013                               | 2014                               | 2015                                       | 2016   | 2017                                      |
|------------------------------------|------------------------------------|------------------------------------|--|--|---|
| Yr 1 CA drought, carryover storage | Yr 2 CA drought, carryover storage | Year 3 CA drought, record heat     | West Coast "snow drought" record high temp | near average precip and snowpack but an early melt | A very wet year with an abundant snowpack |
| Cold productive NE Pacific         | Cold productive NE Pacific         | NEP in transition from good to bad | Record warm SSTs, ecosystem stress         | A still warm unproductive NEP, but not as extreme  | An ocean in transition to "normal-ish"?   |
| BY 2012 Chinook                    | Smolt migration                    | Ocean year 2                       | Ocean year 3, most return                  |  |   |
|                                    | BY 2013 Chinook                    | Smolt migration                    | Ocean year 2                               | Ocean year 3, most return                          |   |
|                                    |                                    | BY2014 Chinook                     | Smolt migration                            | Ocean Year 2                                       | Ocean year 3 Most return                  |
|                                    |                                    |                                    | BY 2015 Chinook                            | Smolt migration                                    | Ocean Year 2                              |