

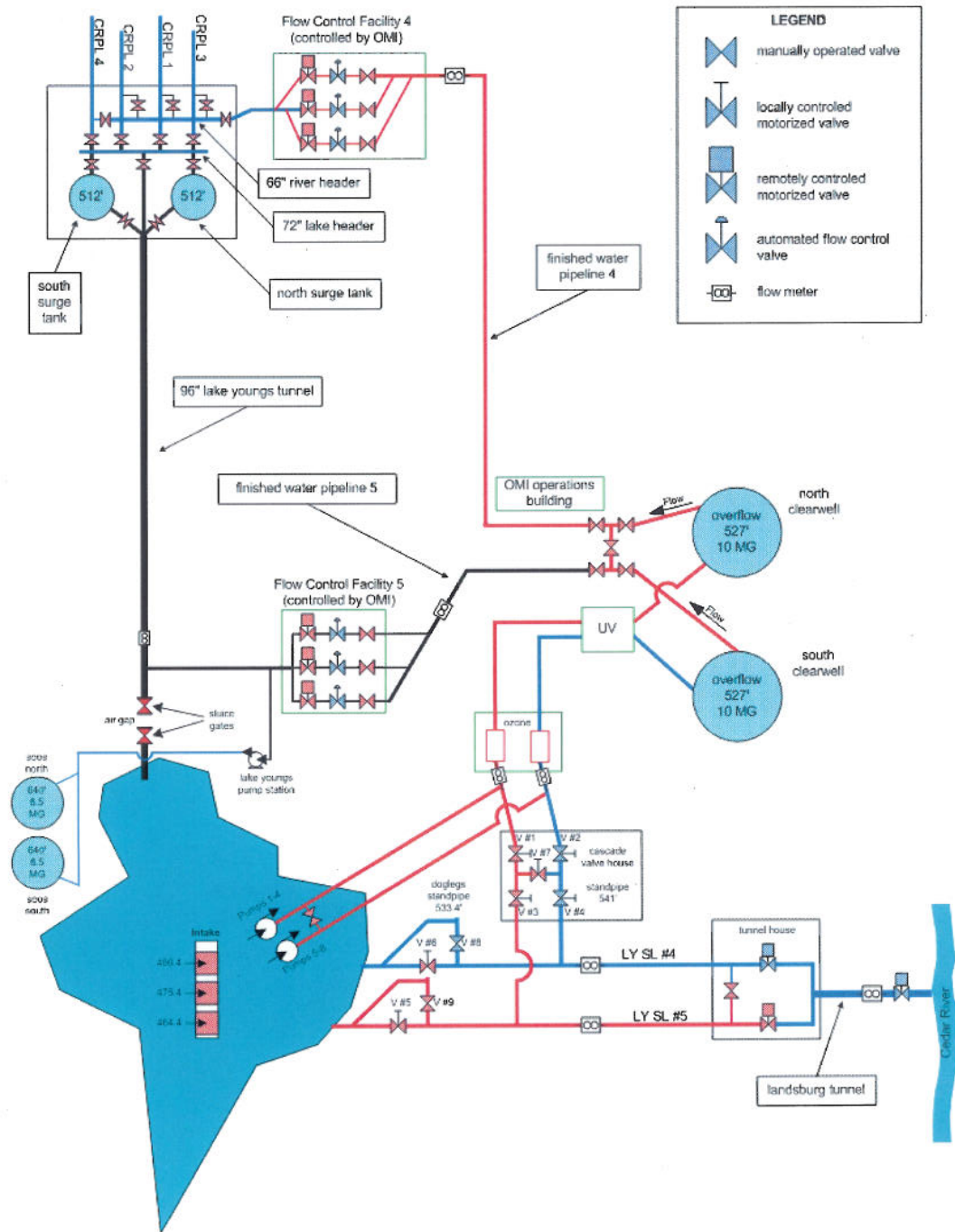
Water Operating Board

May 6, 2010

Lake Youngs Bypass

Landsburg & Cedar Treatment Facility

~ 3.5 hours @ 70 mgd -
Landsburg to LY

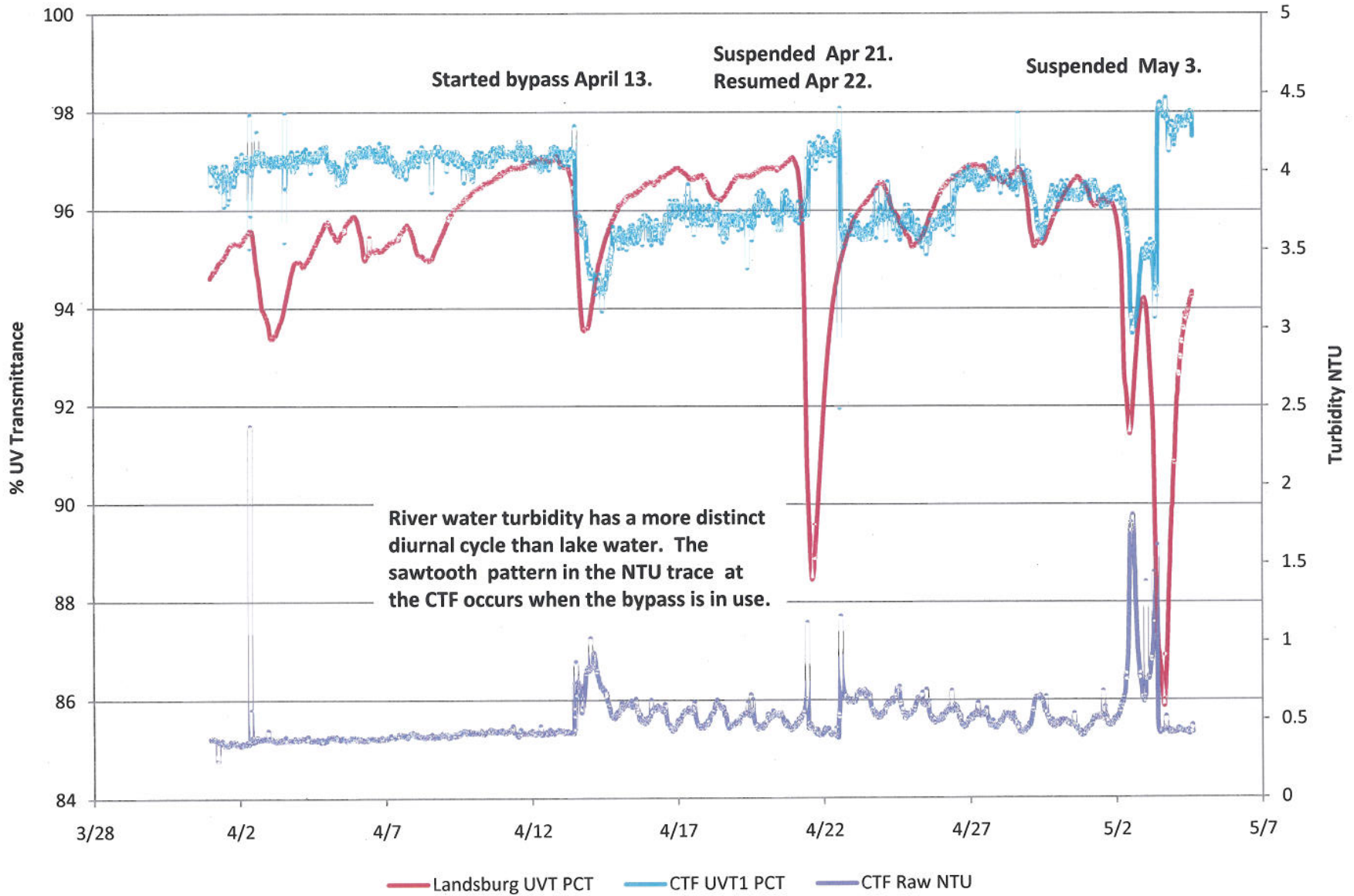


Draft Performance Measures

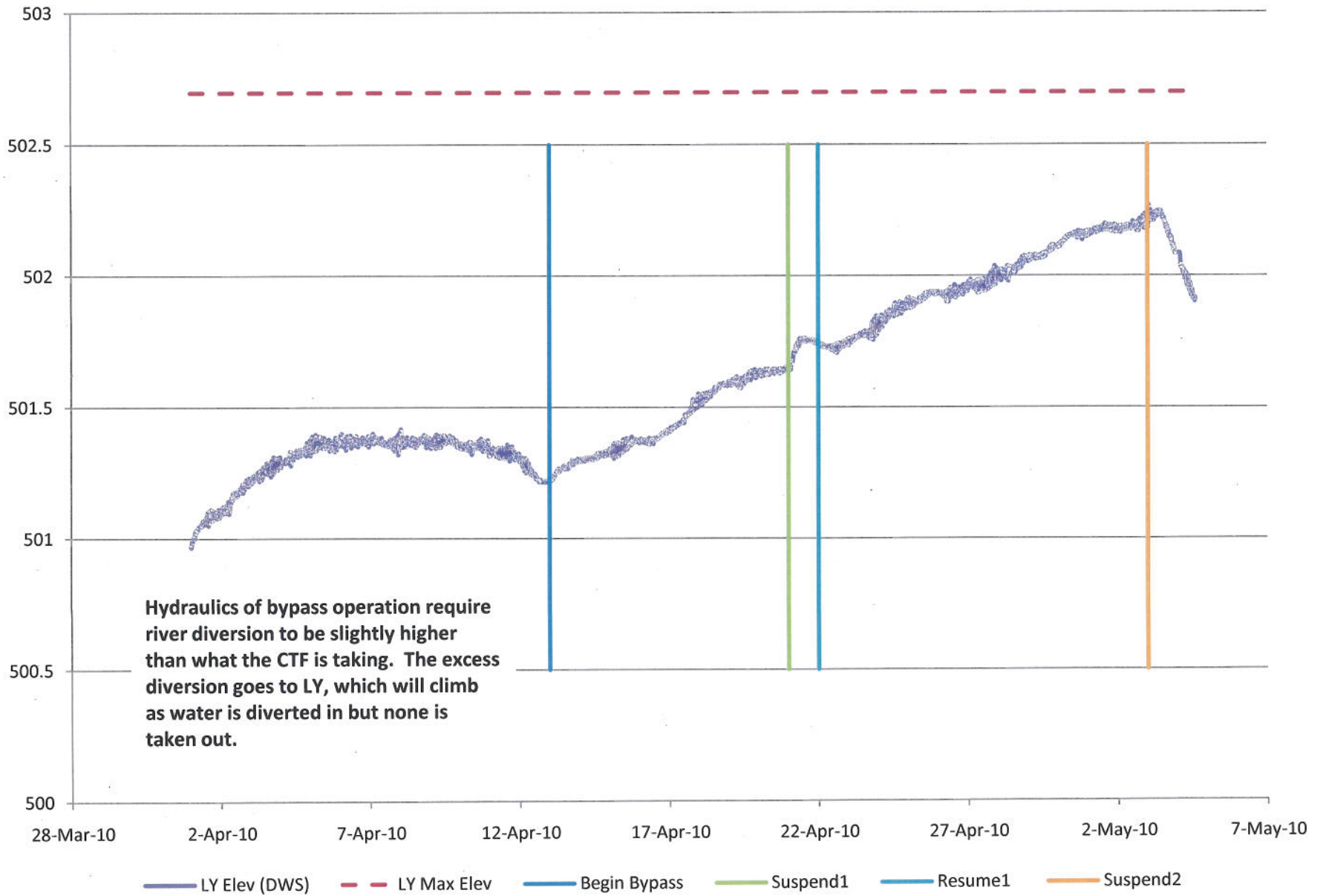
- Bypass more than 75% of the time during algal blooms when Landsburg WQ is acceptable
 - Turbidity < 2.5 NTU
 - UVT > 90%
 - Algal Bloom: biovolume $\geq 4.0 \text{ mm}^3/\text{L}$
- Note: Regardless of algal biovolume, bypass operation is given a high priority whenever an algal bloom creates any significant, acute risk to treatment or other operations such as with screen clogging.

CTF Inlet During 2010 LY Bypass Operation

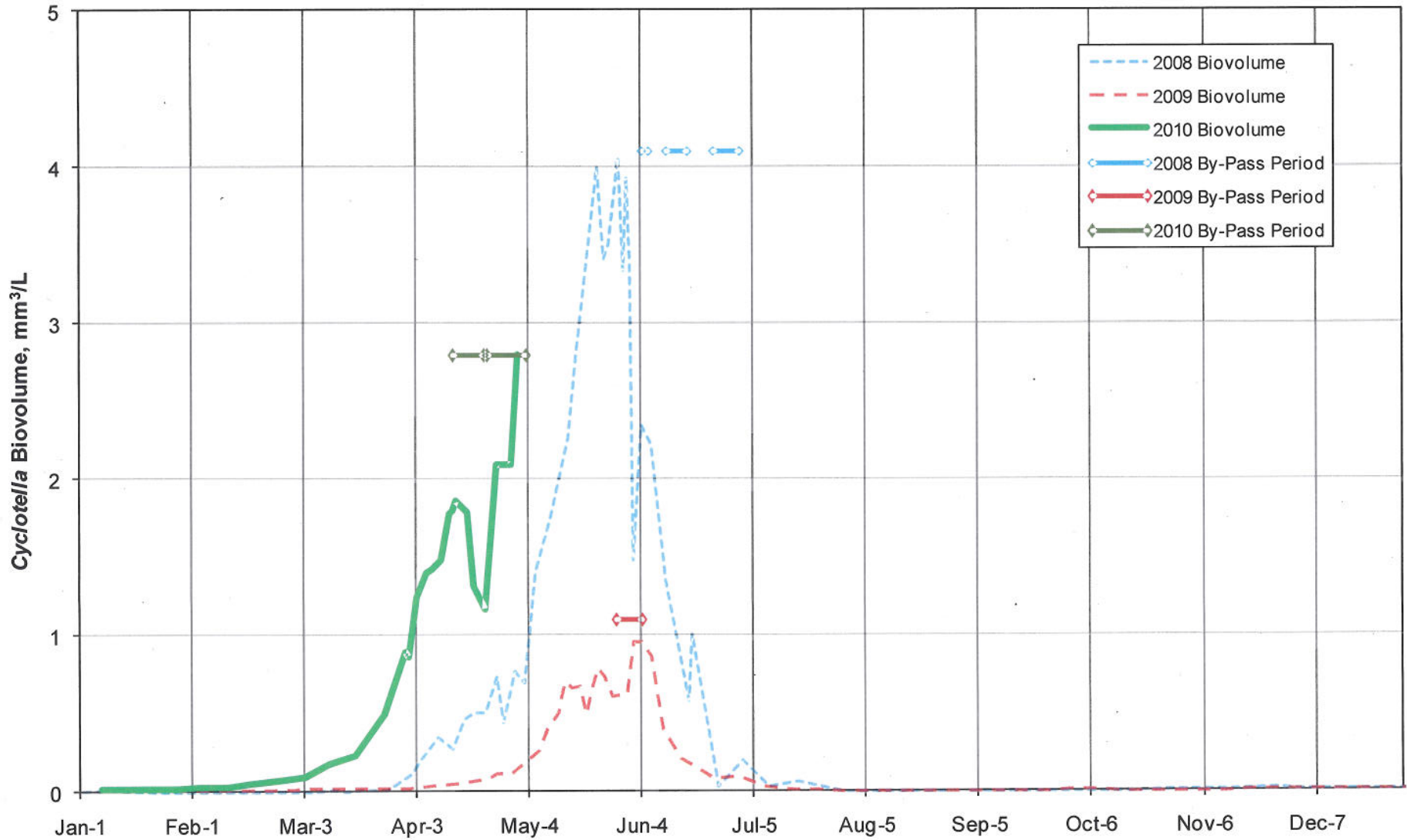
Data through May 4, 14:30



Lake Youngs Elevation



Lake Youngs Outlet *Cyclotella* Biovolume 2008 versus 2009 and 2010



Includes data through May 1, 2010