Tips and Tricks for Working with Tables in ArcGIS Pro

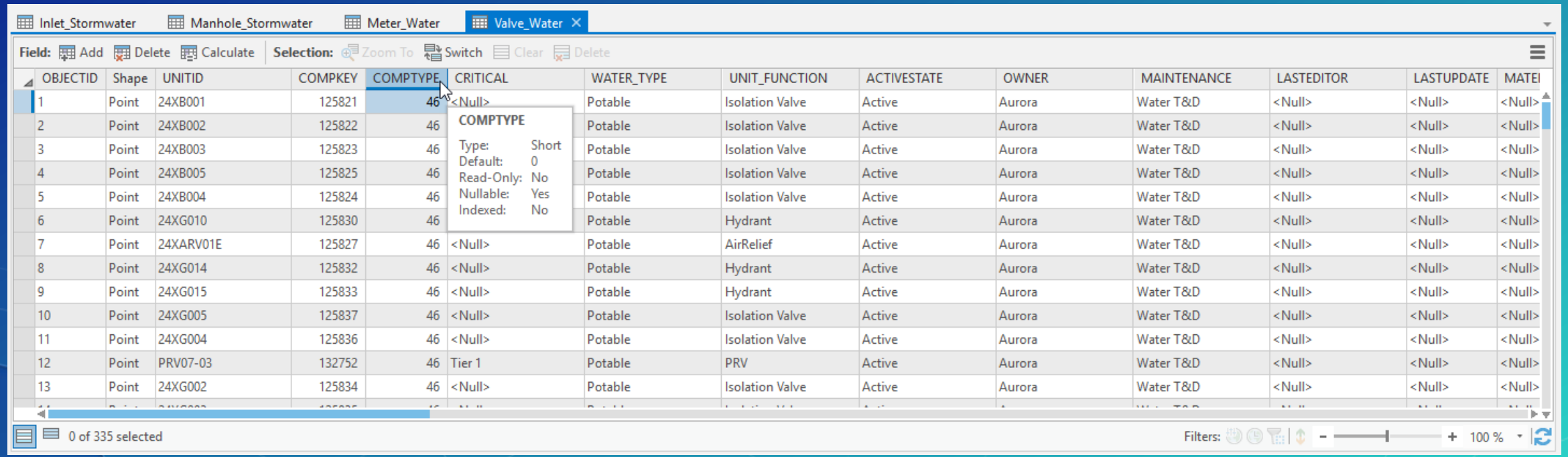
Alycia Rajendran

Agenda

- Easy Data Management
  - Direct editing
  - Re-ordering fields
  - Show/Hide fields
- Fast Data Retrieval
  - Deferred scrolling
  - Unknown row counts
- Effective Data Visualization
  - Highlighting selection sets
  - Filter indicators
  - Definition queries

Easy Data Management

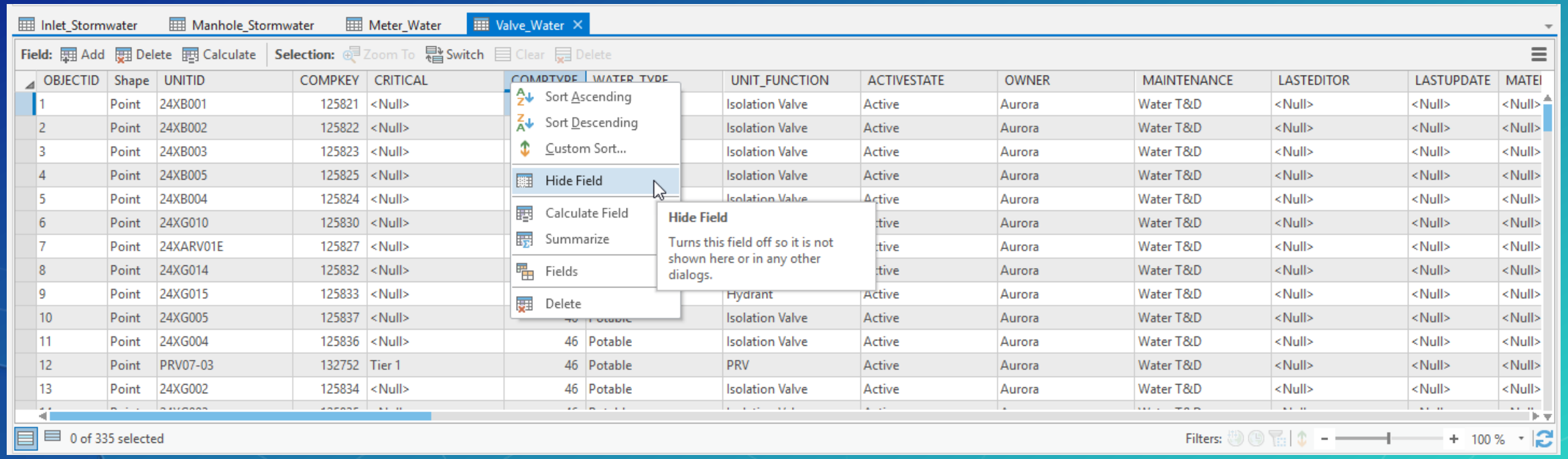
Re-ordering Fields



OBJECTID	Shape	UNITID	COMPKEY	COMPTYPE	CRITICAL	WATER_TYPE	UNIT_FUNCTION	ACTIVESTATE	OWNER	MAINTENANCE	LASTEDITOR	LASTUPDATE	MATEI
1	Point	24XB001	125821	46	<Null>	Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
2	Point	24XB002	125822	46		Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
3	Point	24XB003	125823	46		Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
4	Point	24XB005	125825	46		Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
5	Point	24XB004	125824	46		Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
6	Point	24XG010	125830	46		Potable	Hydrant	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
7	Point	24XARV01E	125827	46	<Null>	Potable	AirRelief	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
8	Point	24XG014	125832	46	<Null>	Potable	Hydrant	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
9	Point	24XG015	125833	46	<Null>	Potable	Hydrant	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
10	Point	24XG005	125837	46	<Null>	Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
11	Point	24XG004	125836	46	<Null>	Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
12	Point	PRV07-03	132752	46	Tier 1	Potable	PRV	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
13	Point	24XG002	125834	46	<Null>	Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>

Easy Data Management

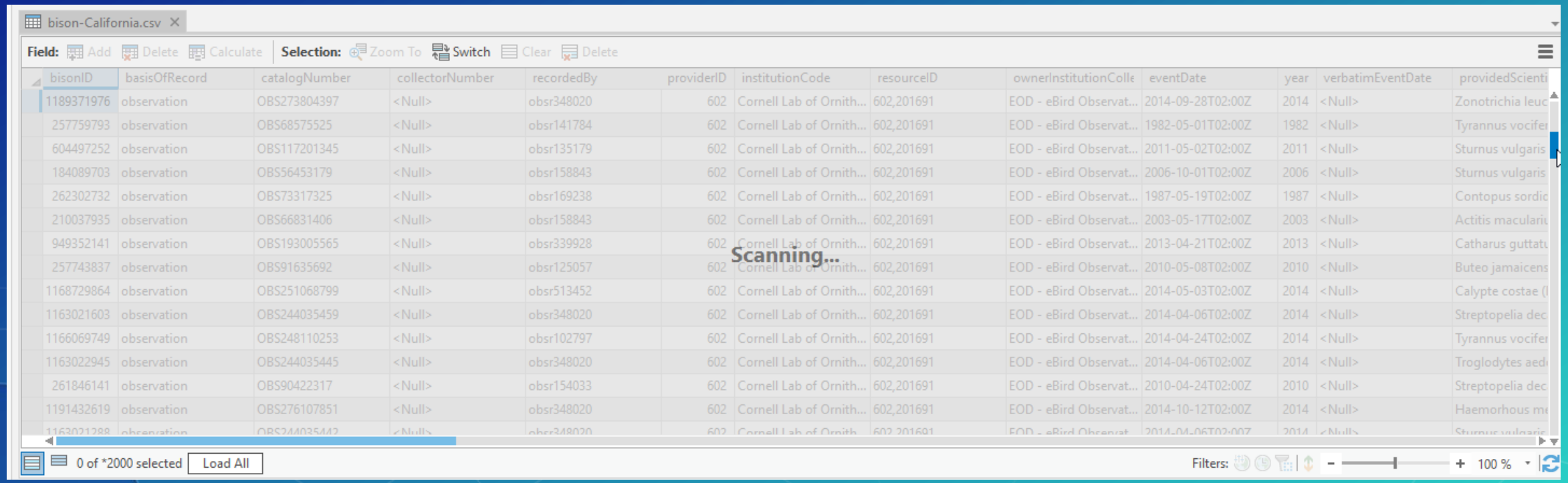
Show/Hide Fields



OBJECTID	Shape	UNITID	COMPKEY	CRITICAL	COMPTYPE	WATER_TYPE	UNIT_FUNCTION	ACTIVESTATE	OWNER	MAINTENANCE	LASTEDITOR	LASTUPDATE	MATEI
1	Point	24XB001	125821	<Null>			Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
2	Point	24XB002	125822	<Null>			Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
3	Point	24XB003	125823	<Null>			Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
4	Point	24XB005	125825	<Null>			Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
5	Point	24XB004	125824	<Null>			Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
6	Point	24XG010	125830	<Null>				tive	Aurora	Water T&D	<Null>	<Null>	<Null>
7	Point	24XARV01E	125827	<Null>				tive	Aurora	Water T&D	<Null>	<Null>	<Null>
8	Point	24XG014	125832	<Null>				tive	Aurora	Water T&D	<Null>	<Null>	<Null>
9	Point	24XG015	125833	<Null>			Hydrant	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
10	Point	24XG005	125837	<Null>			Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
11	Point	24XG004	125836	<Null>	46	Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
12	Point	PRV07-03	132752	Tier 1	46	Potable	PRV	Active	Aurora	Water T&D	<Null>	<Null>	<Null>
13	Point	24XG002	125834	<Null>	46	Potable	Isolation Valve	Active	Aurora	Water T&D	<Null>	<Null>	<Null>

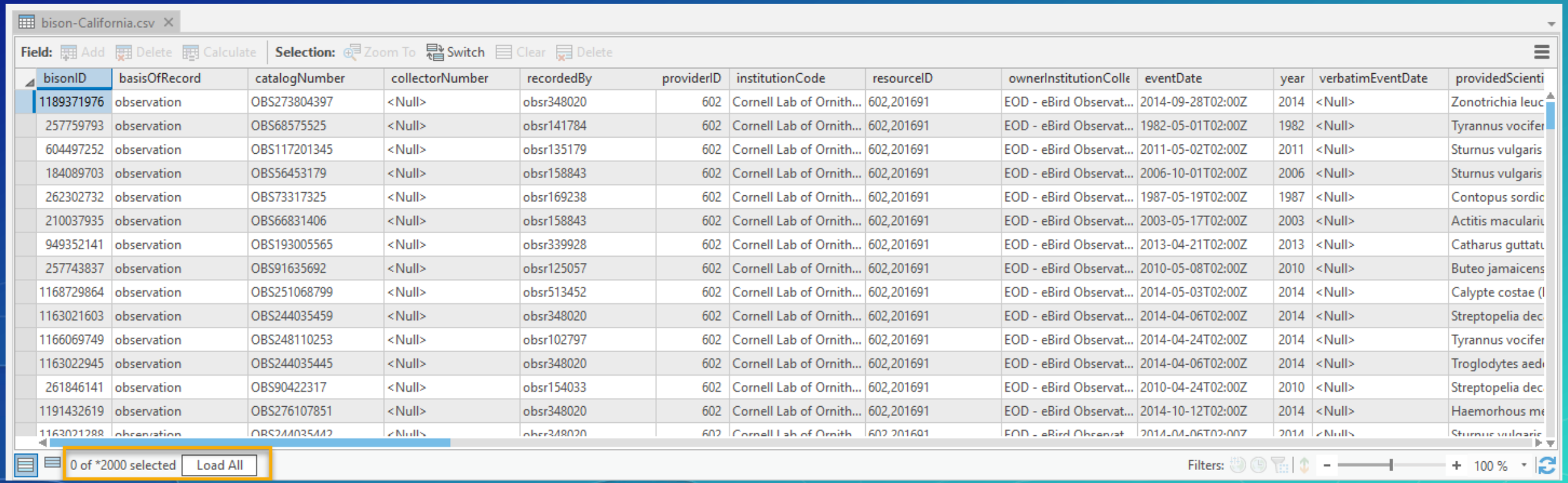
Easy Data Management

Deferred Scrolling



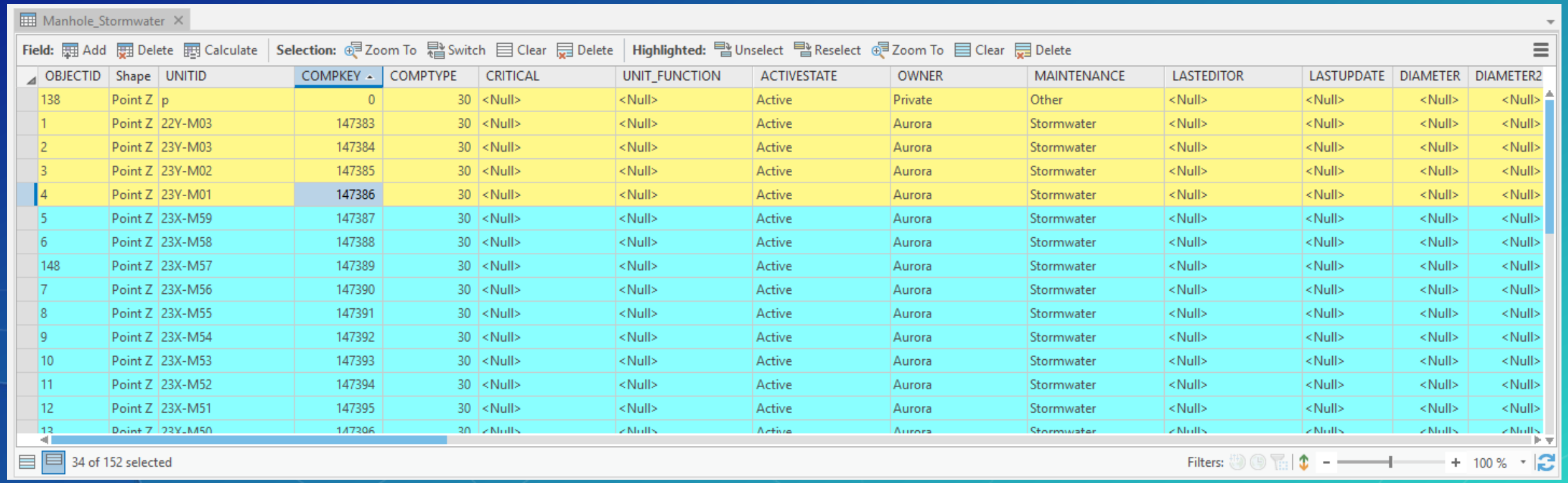
Easy Data Management

Large Datasets and Unknown Row Counts



Effective Data Visualization

Highlighting Selection Sets



OBJECTID	Shape	UNITID	COMPKEY	COMPTYPE	CRITICAL	UNIT_FUNCTION	ACTIVESTATE	OWNER	MAINTENANCE	LASTEDITOR	LASTUPDATE	DIAMETER	DIAMETER2
138	Point Z	p	0	30	<Null>	<Null>	Active	Private	Other	<Null>	<Null>	<Null>	<Null>
1	Point Z	22Y-M03	147383	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
2	Point Z	23Y-M03	147384	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
3	Point Z	23Y-M02	147385	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
4	Point Z	23Y-M01	147386	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
5	Point Z	23X-M59	147387	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
6	Point Z	23X-M58	147388	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
148	Point Z	23X-M57	147389	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
7	Point Z	23X-M56	147390	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
8	Point Z	23X-M55	147391	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
9	Point Z	23X-M54	147392	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
10	Point Z	23X-M53	147393	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
11	Point Z	23X-M52	147394	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
12	Point Z	23X-M51	147395	30	<Null>	<Null>	Active	Aurora	Stormwater	<Null>	<Null>	<Null>	<Null>
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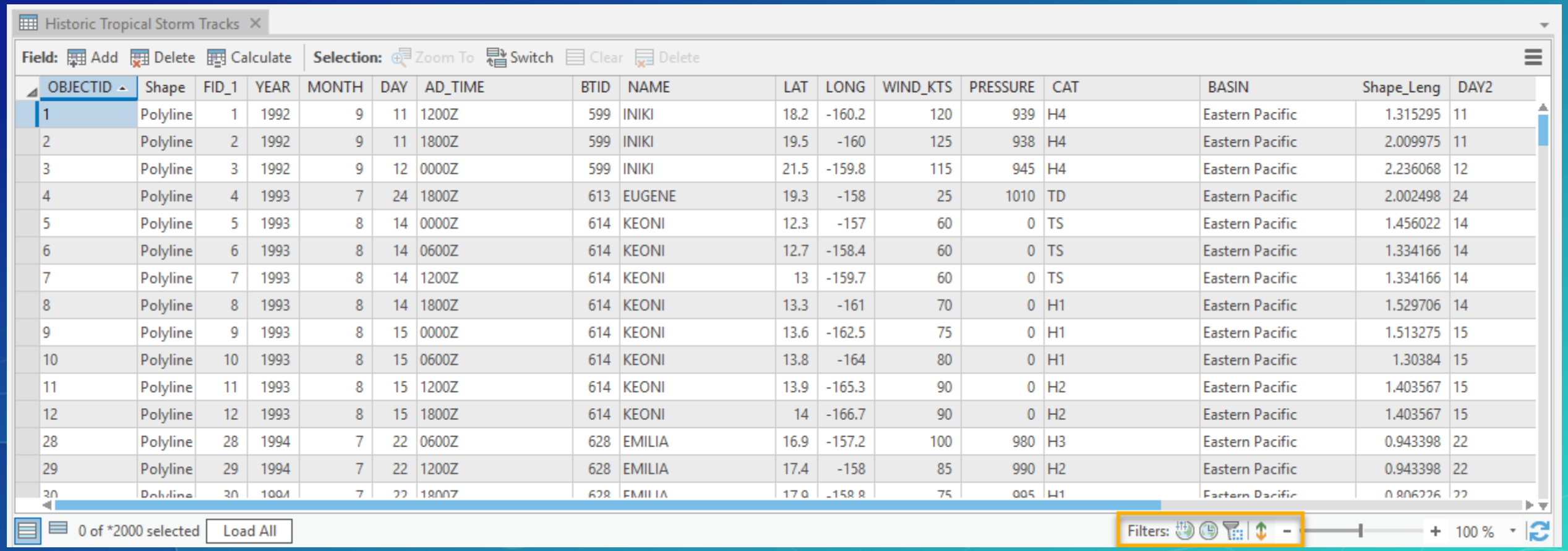
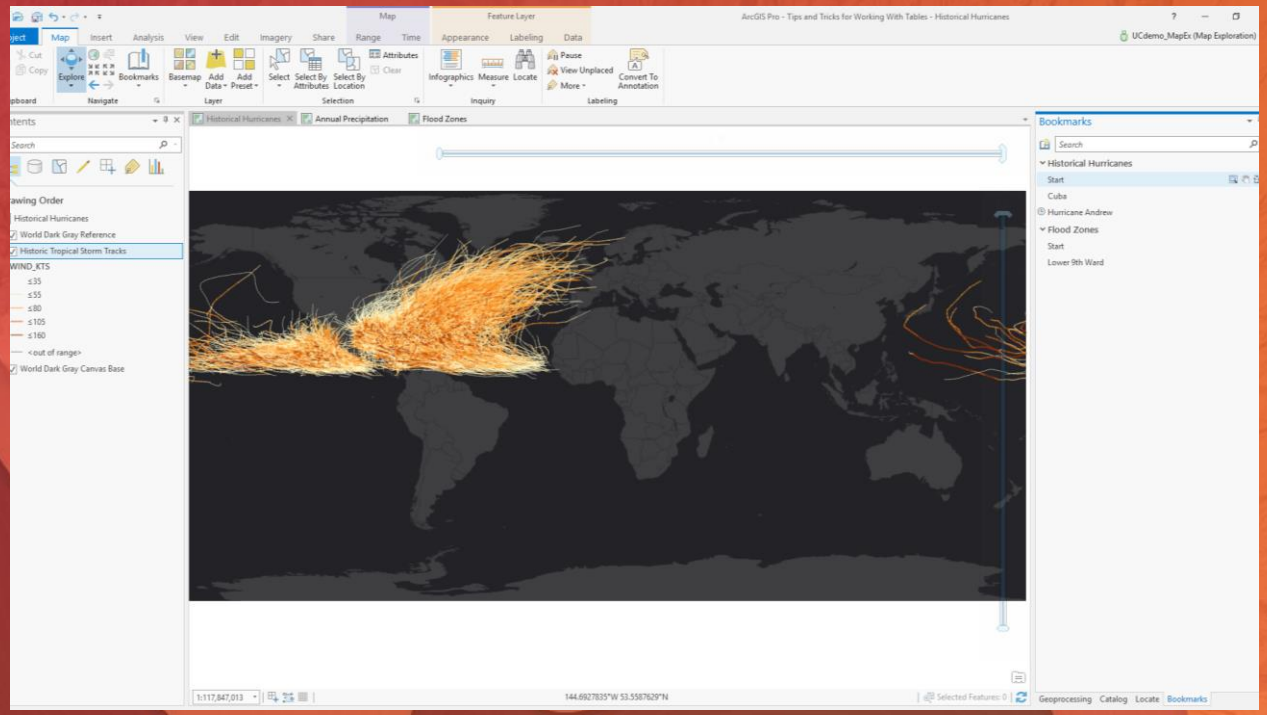
Effective Data Visualization



OBJECTID	Shape	FID_1	YEAR	MONTH	DAY	AD_TIME	BTID	NAME	LAT	LONG	WIND_KTS	PRESSURE	CAT	BASIN	Shape_Leng	DAY2
1	Polyline	1	1992	9	11	1200Z	599	INIKI	18.2	-160.2	120	939	H4	Eastern Pacific	1.315295	11
2	Polyline	2	1992	9	11	1800Z	599	INIKI	19.5	-160	125	938	H4	Eastern Pacific	2.009975	11
3	Polyline	3	1992	9	12	0000Z	599	INIKI	21.5	-159.8	115	945	H4	Eastern Pacific	2.236068	12
4	Polyline	4	1993	7	24	1800Z	613	EUGENE	19.3	-158	25	1010	TD	Eastern Pacific	2.002498	24
5	Polyline	5	1993	8	14	0000Z	614	KEONI	12.3	-157	60	0	TS	Eastern Pacific	1.456022	14
6	Polyline	6	1993	8	14	0600Z	614	KEONI	12.7	-158.4	60	0	TS	Eastern Pacific	1.334166	14
7	Polyline	7	1993	8	14	1200Z	614	KEONI	13	-159.7	60	0	TS	Eastern Pacific	1.334166	14
8	Polyline	8	1993	8	14	1800Z	614	KEONI	13.3	-161	70	0	H1	Eastern Pacific	1.529706	14
9	Polyline	9	1993	8	15	0000Z	614	KEONI	13.6	-162.5	75	0	H1	Eastern Pacific	1.513275	15
10	Polyline	10	1993	8	15	0600Z	614	KEONI	13.8	-164	80	0	H1	Eastern Pacific	1.30384	15
11	Polyline	11	1993	8	15	1200Z	614	KEONI	13.9	-165.3	90	0	H2	Eastern Pacific	1.403567	15
12	Polyline	12	1993	8	15	1800Z	614	KEONI	14	-166.7	90	0	H2	Eastern Pacific	1.403567	15
28	Polyline	28	1994	7	22	0600Z	628	EMILIA	16.9	-157.2	100	980	H3	Eastern Pacific	0.943398	22
29	Polyline	29	1994	7	22	1200Z	628	EMILIA	17.4	-158	85	990	H2	Eastern Pacific	0.943398	22
30	Polyline	30	1994	7	22	1800Z	628	EMILIA	17.9	-158.8	75	995	H1	Eastern Pacific	0.806226	22



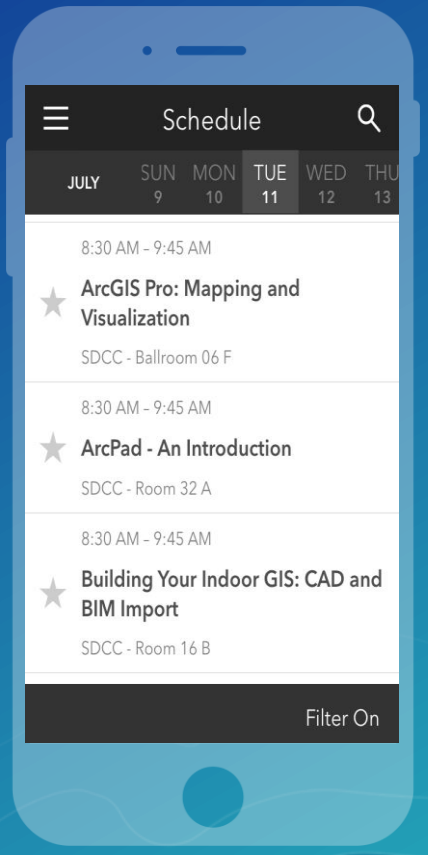
Historical Hurricanes

1851-2008

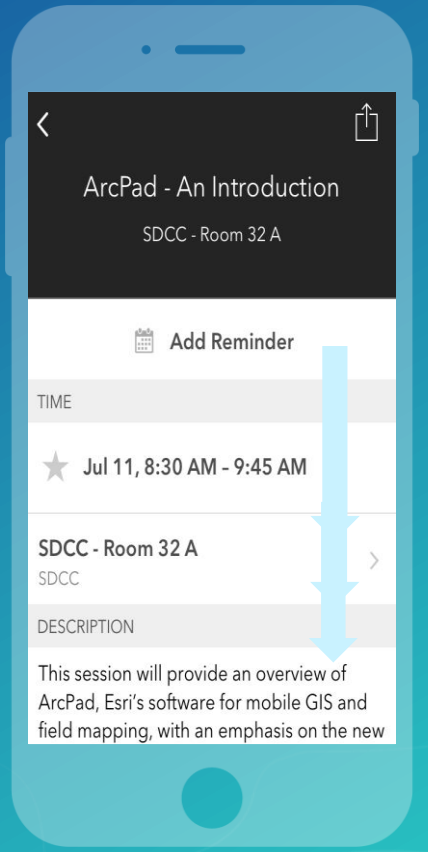
Please Take Our Survey on the **Esri Events App!**

Download the Esri Events app and find your event

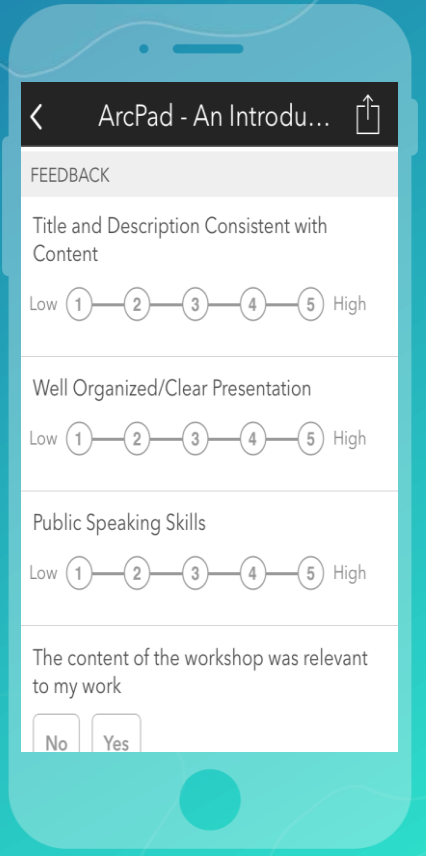
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



Thank you!

Alycia Rajendran
arajendran@esri.com

esri
THE
SCIENCE
OF
WHERE