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Date	Pitcher	Pitch Type	Speed [mph]	Launch (V)	Launch (H)	Spin [rpm]	Spin Axis	Spin Tilt	Rel HT [ft]	Rel Side [ft]	EXT [ft]	Break (V) [in]	Break Ind (V) [in]	Break (H) [in]	Zone - Height [ft]	Zone - Offset [ft]	Approach (V)	Approach (H)
6/9/2018	kevin mcphail	F	79.866	-1.937	1.038	1863	130.667	10:15	6.023	0.752	5.806	-32.665	11.204	-13.041	1.499	0.631	-8.062	-1.404
6/9/2018	kevin mcphail	F	78.9	-1.124	-4.751	1956	228.782	1:45	5.984	2.173	5.175	-16.28	28.471	32.502	3.566	0.401	-4.31	1.105
6/9/2018	kevin mcphail	F	81.02	0.516	2.391		108.103	9:30	5.433	0.588	5.246	-36.018	8.011	-24.507	2.917	0.794	-6.219	-2.035
6/9/2018	kevin mcphail	C	65.934	2.284	-0.476	2134	78.462	8:30	5.063	1.153	5.41	-74.099	-7.212	-35.325	1.029	-2.236	-11.576	-6.516
6/9/2018	kevin mcphail	F	80.927	-2.372	-4.999	1488	224.598	1:30	6.111	2.354	5.399	-12.803	30.378	29.954	2.812	0.154	-4.919	0.418
6/9/2018	dylan velasek	CH	60.036	1.812	-4.973	1604	211.298	1:00	5.787	2.727	4.623	-32.949	52.295	31.793	4.771	0.638	-4.567	0.661
6/9/2018	dylan velasek	F	77.791	0.463	-2.561	1942	176.474	12:00	5.552	2.26	5.242	-32.152	17.932	-1.105	3.307	-0.241	-5.621	-2.566
6/9/2018	dylan velasek	F	78.442	1.36	-1.673	2030	266.772	3:00	5.169	2.199	5.51	-47.51	1.134	20.109	2.483	2.31	-7.413	2.236
6/9/2018	dylan velasek	F	77.512	0.07	-5.137	1996	246.134	2:15	5.63	2.836	5.169	-31.558	20.172	45.593	3.066	1.789	-5.929	3.077
6/9/2018	dylan velasek	CH	63.097	4.038	2.119	1480	121.723	10:00	5.03	2.003	5.483	-53.897	17.682	-28.603	4.325	1.603	-6.216	-2.958
6/9/2018	dylan velasek	C	78.142	-0.441	-5.349		242.943	2:00	5.523	2.825	5.662	-33.524	14.926	29.223	2.316	0.259	-6.683	0.078
6/9/2018	dylan velasek	CH	63.865	3.566	1.898	1505	159.619	11:15	5.199	0.451	4.68	-53.997	20.804	-7.729	4.091	1.61	-6.524	0.622
6/9/2018	dylan velasek	C	69.949	0.85	-4.635		203.309	12:45	5.903	2.044	4.765	-15.81	45.039	19.406	5.394	-0.743	-2.252	-1.1
6/9/2018	angel ramos	F	80.805	0.178	-5.721	1782	241.409	2:00	5.701	2.193	4.826	-19.693	26.288	48.233	4.23	0.777	-3.617	2.926
6/9/2018	angel ramos	F	80.98	-1.756	-3.745	1901	228.987	1:45	5.899	1.584	4.895	-31.683	13.875	15.954	1.594	-0.634	-7.542	-0.697
6/9/2018	angel ramos	CH	66.442	2.277	-3.212		219.282	1:15	5.663	2.14	4.618	-50.609	17.001	13.906	3.614	0.242	-7.142	-0.797
6/9/2018	angel ramos	F	81.511	0.279	-0.12	1840	157.585	11:15	5.443	0.938	5.522	-32.503	11.077	-4.569	2.995	0.445	-5.835	-0.984
6/9/2018	angel ramos	F	82.204	0.318	-0.969	1974	216.326	1:15	5.539	1.176	5.168	-25.022	18.902	13.898	3.753	1.422	-4.45	1.476
6/9/2018	angel ramos	CH	64.966	3.621	7.381	1547	122.824	10:00	5.518	-0.94	6.849	-44.047	22.537	-34.939	5.181	2.915	-4.758	0.729
6/9/2018	sean boskovich	CH	61.857	3.144	2.631	1576	148.215	11:00	5.545	1.154	8.345	-50.395	16.954	-10.506	4.135	2.61	-6.912	0.776
6/9/2018	sean boskovich	CH	66.875	0.974	-1.122	1698	205.193	12:45	5.924	1.107	6.68	-18.183	43.404	20.418	5.299	1.782	-2.76	2.664
6/9/2018	sean boskovich	SL	70.139	0.701	-0.001	1934	188.787	12:15	5.912	1.144	7.052	-15.082	40.945	6.329	5.292	1.671	-2.418	1.188
6/9/2018	sean boskovich	SL	72.768	2.578	-1.079	1835	223.397	1:30	5.68	1.702	5.243	-31.824	24.463	23.132	5.452	2.615	-3.407	3.237
6/9/2018	sean boskovich	F	75.96	-0.03	3.099	2003	154.065	11:15	5.994	0.696	4.954	-23.391	30.022	-14.601	4.016	2.41	-4.525	0.5
6/9/2018	sean boskovich	F	75.18	-1.531	1.351	2071	179.229	12:00	6.596	0.645	5.043	-26.213	28.114	-0.378	2.967	1.888	-6.499	1.212
6/9/2018	sean boskovich	F	75.22	0.158	2.482	2035	151.677	11:00	6.142	0.343	5.214	-27.305	25.522	-13.755	4.015	1.532	-5.07	0.047
6/9/2018	sean boskovich	C	66.082	3.111	-0.915	1075	192.909	12:30	5.592	1.639	4.039	-61.21	11.835	2.712	3.483	0.986	-8.111	-0.515
6/9/2018	sean boskovich	F	75.888	-3.076	1.071	2034	175.212	11:45	6.631	0.647	5.497	-6.218	45.412	-3.804	3.233	1.332	-4.435	0.374
6/9/2018	elias pacheco	WM	66.302	0.475	-3.423		206.02	12:45	6.048	1.789	5.219	-28.111	39.649	19.355	4.153	0.18	-4.974	0.051
6/9/2018	elias pacheco	WM	68.235	-0.803	-0.475		182.324	12:00	6.311	1.338	4.636	1.649	67.659	2.746	5.685	1.116	-0.951	0.015
6/9/2018	elias pacheco	F	70.698	3.066	0.823	2017	175.363	11:45	5.518	1.656	4.028	-12.865	50.639	-4.107	7.395	2.105	0.44	0.092
6/9/2018	elias pacheco	F	75.705	-0.741	-3.374	1669	247.496	2:15	6.054	1.724	4.861	-41.528	12.168	29.371	1.89	0.975	-8.413	1.947
6/9/2018	elias pacheco	F	73.986	-1.704	-1.552	1564	259.906	2:45	5.891	1.26	5.535	-49.106	3.036	17.056	0.205	1.231	-10.708	1.848
6/9/2018	elias pacheco	CH	62.526	2.464	-1.125	1788	102.854	9:30	5.718	0.735	4.748	-70.618	5.246	-22.992	2.172	-2.248	-10.429	-5.557
6/9/2018	elias pacheco	F	74.599	-0.52	1.647	1541	168.433	11:30	5.976	0.561	5.725	-13.483	37.724	-7.721	4.367	1.451	-3.243	0.25
6/9/2018	elias pacheco	F	74.279	-2.144	-0.557	1754	146.097	10:45	6.496	0.466	5.131	-40.196	12.612	-8.476	1.126	-0.765	-9.592	-2.112
6/9/2018	logan martinez	CH	62.001	0.122	-1.222	1547	152.92	11:00	5.616	1.224	5.748	-40.182	37.256	-19.048	2.381	-1.501	-7.723	-4.463
6/9/2018	logan martinez	CH	63.782	2.34	-4.262	1537	217.459	1:15	5.348	3.1	6.434	-28.471	43.405	33.257	5.132	1.948	-3.361	1.859
6/9/2018	logan martinez	CH	65.056	-0.331	-2.666	1678	170.274	11:45	6.003	2.003	6.233	-18.355	50.564	-8.667	4.168	-1.18	-4.148	-4.178
6/9/2018	logan martinez	CH	66.46	-5.52	-4.132	1660	184.094	12:15	6.633	1.74	6.661	-2.898	61.448	4.399	1.312	-1.681	-6.334	-3.319
6/9/2018	logan martinez	F	70.765	1.8	-5.826	1795	268.004	3:00	4.677	2.735	5.59	-59.681	1.035	29.679	1.394	-0.25	-9.466	-0.763
6/9/2018	logan martinez	F	70.887	-4.64	-2.83	1865	182.801	12:00	6.578	2.36	5.502	-23.15	35.884	1.756	0.294	-0.142	-9.06	-2.388
6/9/2018	logan martinez	F	71.667	2.763	0.178	1860	184.452	12:15	5.046	2.239	5.264	-43.152	16.787	1.307	4.047	2.515	-5.379	0.491
6/9/2018	logan martinez	C	61.319	3.666	0.435	1868	100.065	9:15	4.882	1.872	4.864	-78.316	2.171	-12.229	1.83	1.265	-10.801	-1.581
6/9/2018	logan martinez	F	71.746	-1.869	-6.315	1948	252.271	2:30	5.763	3.044	5.359	-40.325	18.095	56.597	0.639	1.815	-9.426	3.937
6/9/2018	connor freer	F	71.698	3.385	-2.366	1774	234.69	1:45	5.194	2.738	5.322	-45.034	13.086	18.475	4.624	2.056	-4.991	1.23
6/9/2018	connor freer	F	72.846	-0.028	-2.781	2136	172.098	11:45	5.432	1.986	8.505	-35.516	12.688	-1.761	2.448	-0.618	-7.092	-3.334
6/9/2018	connor freer	F	71.044	-0.627	-6.731	2029	227.364	1:30	5.828	2.968	5.56	-35.163	21.975	23.867	2.308	-1.36	-7.166	-2.252
6/9/2018	connor freer	C	70.659	-0.544	-5.047	1552	201.144	12:45	5.628	2.622	5.853	-15.29	43.366	16.771	3.846	-0.681	-3.593	-1.927
6/9/2018	connor freer	F	74.911	-0.273	3.837	1818	99.732	9:15	5.575	0.177	5.151	-44.844	7.044	-41.071	1.581	0.371	-8.777	-3.318
6/9/2018	connor freer	F	77.728	-0.845	-3.957	2096	243.169	2:00	5.687	1.943	5.361	-40.918	9.8	19.374	1.483	-0.159	-8.471	-0.43
6/9/2018	connor freer	F	74.963	-0.186	0.331	2103	154.947	11:15	5.892	0.921	4.948	-36.151	19.001	-8.882	2.704	0.494	-6.924	-1.388
6/9/2018	connor freer	C	67.298	0.609	-2.31		202.455	12:45	5.945	2.038	4.94	-49.962	17.092	7.064	2.357	0.443	-8.716	-1.32
6/9/2018	connor freer	F	73.84	1.71	-2.376	1760			4.616	1.8	5.663							
6/9/2018	indiana viramontes	CH	60.82	5.846	9.953	1701	121.183	10:00	5.192	-4.21	5.856	-48.886	33.746	-55.759	6.651	0.483	-3.502	0.029
6/9/2018	indiana viramontes	CH	67.48	-0.457	-0.44	1673	195.416	12:30	7.203	0.306	7.564	-2.633	58.234	16.058	6.572	1.249	-1.352	2.584
6/9/2018	indiana viramontes	CH	71.95	-0.969	9.994	1936	114.442	9:45	6.378	-3.285	7.999	-28.679	24.619	-54.168	3.111	1.202	-6.717	-0.066
6/9/2018	indiana viramontes	F	75.459	-0.102	-0.388	1367	166.57	11:30	5.72	1.999	5.482	-36.773	14.953	-3.571	2.56	1.338	-7.026	-1.257
6/9/2018	indiana viramontes	F	74.38	0.555	-6.784	1505	236.149	1:45	5.733	3.369	5.493	-21.785	30.636	45.676	4.44	0.8	-3.688	1.486
6/9/2018	indiana viramontes	F	76.738	0.116	-4.417	2148	255.159	2:30	5.742	2.659	5.627	-45.038	4.732	17.857	2.097	0.018	-8.204	-0.913
6/9/2018	indiana viramontes	C	60.67	2.018	-4.169	2153	225.737	1:30	5.823	3.071	5.549	-67.404	12.1	12.416	2.098	0.203	-10.627	-2.282
6/9/2018	indiana viramontes	F	76.603	1.255	-0.75	2186	190.774	12:15	5.458	2.075	5.277	-27.183	22.34	4.251	4.372	1.724	-3.934	-0.009
6/9/2018	thomas carroll	CH	64.568	2.823	-1.627	1218	200.22	12:45	5.875	2.178								

6/9/2018	jasob arriola	F	52.978	5.731	-0.49	1453	205.187	12:45	4.566	1.049	4.62	-76.99	31.06	14.607	3.616	1.801	-8.672	1.69
6/9/2018	jasob arriola	F	54.891	4.45	0.505	1440	164.174	11:30	4.61	0.248	4.82	-48.267	53.544	-15.178	4.811	-0.539	-4.805	-2.178
6/9/2018	jasob arriola	F	59.28	2.999	-2.757	1639	239.126	2:00	4.94	1.105	4.296	-79.195	9.541	15.958	1.214	-0.203	-11.413	0.284
6/9/2018	jasob arriola	F	58.28	3.224	0.131	1627	98.138	9:15	4.636	0.627	4.32	-88.232	2.378	-16.629	0.368	-0.634	-12.901	-2.379
6/9/2018	jasob arriola	CH	45.896	8.401	3.243	1497	163.845	11:30	4.39	1.276	4.176	-103.701	53.458	-15.486	3.871	3.096	-10.832	0.993
6/9/2018	jasob arriola	CH	46.516	6.541	1.345	1596			4.506	-0.233	4.145							
6/9/2018	jasob arriola	F	58.592	5.167	-2.918	1610	208.808	1:00	4.687	1.771	4.005	-74.979	18.027	9.914	3.425	-0.21	-8.548	-1.036
6/9/2018	braden eberhart	CH	53.739	5.573	1.58	1270	177.544	12:00	5.201	0.327	7.77	-55.883	35.778	-1.535	5.553	1.615	-5.56	0.998
6/9/2018	braden eberhart	F	63.969	-1.028	0.905				6.301	-0.469	5.214							
6/9/2018	braden eberhart	F	64.311	4.55	-4.462	1353	203.684	12:45	5.443	1.297	3.982	-21.273	53.123	23.302	8.068	-1.06	0.355	-0.35
6/9/2018	braden eberhart	CH	55.545	3.879	-0.967		105.547	9:30	5.147	0.961	6.206	-89.338	6.666	-23.961	1.288	-1.928	-12.839	-5.703
6/9/2018	braden eberhart	CH	56.196	4.576	-3.249	1247	131.179	10:15	4.821	1.379	5.853	-79.491	10.972	-12.543	2.464	-2.688	-10.353	-5.632
6/9/2018	braden eberhart	F	64.942	4.295	4.238	1521	163.699	11:30	5.552	-0.201	4.488	-9.345	64.13	-18.753	8.885	2.282	2.157	0.898
6/9/2018	ivan montoya	F	57.014	4.888	6.892	1362	113.678	9:45	4.592	-3.012	3.66	-68.061	27.533	-62.788	3.694	-1.544	-7.651	-3.852
6/9/2018	ivan montoya	F	59.426	2.983	6.548	1374	144.546	10:45	5.187	-2.938	3.963	-61.013	30.138	-21.461	2.994	1.601	-8.105	2.472
6/9/2018	ivan montoya	C	49.282	6.122	-1.916	1819	249.446	2:15	4.749	-0.475	3.337	-113.91	19.583	52.227	1.239	2.012	-14.426	6.702
6/9/2018	ivan montoya	F	51.829	4.246	4.808	1772	178.767	12:00	5.133	-2.455	3.394	-81.535	40.025	-0.861	2.487	2.157	-10.522	4.635
6/9/2018	ivan montoya	F	59.452	1.297	1.943	1285	175.073	11:45	5.377	-1.707	3.851	-30.088	61.234	-5.278	4.121	-0.273	-4.492	1.038
6/9/2018	alejandro gomez	F	55.463	1.365	1.546	1540			5.555	-1.104	5.21							
6/9/2018	alejandro gomez	F	56.682	3.238	3.77	1213			4.396	-2.157	4.997							
6/9/2018	alejandro gomez	F	56.341	-0.3	9.298	1304			5.732	-3.537	4.888							
6/9/2018	alejandro gomez	F	57.997	4.402	-0.517	1683			4.191	-1.078	4.888							
6/9/2018	alejandro gomez	F	55.469	2.804	-0.774	1320	219.656	1:15	5.248	-0.972	4.323	-69.192	32.502	26.942	2.164	0.533	-9.854	4.347
6/9/2018	mason runyan	F	54.195	0.842	1.134	1506			5.667	0.513	2.968							
6/9/2018	mason runyan	F	55.621	3.913	-2.488	1429	258.921	2:45	4.823	1.619	3.729	-91.264	7.786	39.764	1.008	2.527	-12.372	4.909
6/9/2018	mason runyan	CH	47.753	2.212	-4.543	1183	214.472	1:15	5.804	2.402	3.383	-87.301	55.298	37.966	0.687	1.141	-13.606	1.795
6/9/2018	mason runyan	CH	49.112	3.001	-1.956	1265	166.465	11:30	5.479	1.439	3.461	-95.201	38.034	-9.156	0.464	-1.224	-14.061	-3.604
6/9/2018	mason runyan	F	57.038	2.852	-3.219	1124	232.069	1:45	5.267	1.825	3.331	-82.206	15.894	20.394	1.198	0.389	-11.82	0.665
6/9/2018	camden boncal	F	59.956	3.029	-4.274	1440	251.536	2:30	5.248	2.216	4.244	-71.582	13.594	40.712	2.193	1.51	-10.093	2.918
6/9/2018	camden boncal	F	61.232	1.71	2.046	1493	124.989	10:15	5.357	0.317	4.097	-66.096	14.874	-21.25	1.492	0.51	-10.37	-1.69
6/9/2018	camden boncal	F	59.235	2.425	1.276	1430	118.702	10:00	5.206	0.445	4.545	-64.559	21.321	-38.939	2.136	-1.585	-9.691	-5.341
6/9/2018	camden boncal	F	57.749	4.358	0.394	1530	115.195	9:45	5.073	0.965	4.463	-78.824	11.018	-23.42	2.667	-0.611	-10.176	-3.621
6/9/2018	camden boncal	F	61.8	1.72	1.189	1935	170.259	11:45	5.493	0.62	4.131	-19.886	60.078	-10.314	5.486	0.901	-2.253	-0.615
6/9/2018	camden boncal	F	66.288	3.285	-4.759	1443	257.402	2:30	5.381	2.848	4.308	-63.077	8.746	39.136	3.28	1.55	-8.104	2.494
6/9/2018	rudy cisneros	F	69.644	1.4	3.732	1604	152.254	11:00	5.684	0.817	3.651	-22.014	42.491	-22.352	5.206	2.57	-2.84	-0.171
6/9/2018	rudy cisneros	F	68.806	0.15	-7.94	1614	275.723	3:15	6.145	2.633	4.16	-69.957	-4.442	44.32	0.46	-1.334	-12.357	0.03
6/9/2018	rudy cisneros	CH	54.155	6.432	-1.46		172.076	11:45	4.788	2.552	3.391	-92.232	13.481	-1.876	3.381	0.975	-10.208	-1.682
6/9/2018	rudy cisneros	CH	56.307	-6.208	-5.334	1931			7.771	2.173	4.452							
6/9/2018	rudy cisneros	F	69.2	-2.34	-3.438	1596	199.854	12:45	6.567	1.221	3.871	-38.752	27.36	9.879	1.077	-1.273	-9.396	-1.483
6/9/2018	liam henry	F	61.644	1.024	-0.589		162.88	11:30	5.701	0.55	4.93	-65.016	16.742	-5.157	1.251	-0.436	-11.012	-1.488
6/9/2018	liam henry	F	58.617	3.937	-3.944	1327	219.058	1:15	5.029	1.941	4.352	-72.754	17.977	14.588	2.742	-0.617	-9.457	-1.456
6/9/2018	liam henry	CH	52.672	2.286	4.046		121.396	10:00	5.849	-0.118	3.926	-86.09	28.841	-47.257	0.882	-0.154	-13.113	-4.594
6/9/2018	liam henry	CH	51.632	5.563	-2.067	1574	219.438	1:15	5.275	1.991	3.557	-89.671	32.819	26.994	3.215	2.236	-10.904	2.134
6/9/2018	liam henry	F	62.809	1.512	-3.722	1700	205.14	12:45	5.605	0.435	5.133	-71.486	6.326	2.969	1.074	-2.827	-11.659	-2.816
6/9/2018	lisa cisneros	F	55.009	5.735	2.69		155.249	11:15	4.691	1.758	4.026	-76.99	27.101	-12.494	3.811	3.303	-8.348	0.049
6/9/2018	lisa cisneros	F	55.283	1.822	-2.699	1453	208.62	1:00	5.743	2.649	4.454	-51.341	52.737	28.777	3.204	2.472	-7.782	2.575
6/9/2018	lisa cisneros	CH	46.342	2.578	-0.155				5.834	1.479	3.578							
6/9/2018	lisa cisneros	CH	47.143	5.021	1.162	1470	134.413	10:30	5.221	1.524	4.028	-117.679	17.081	-17.435	0.252	1.188	-16.182	-1.569
6/9/2018	lisa cisneros	F	58.063	2.596	0.937	1566	154.428	11:15	4.723	1.173	4.703	-55.536	35.736	-17.101	2.561	0.637	-7.837	-2.047
6/9/2018	kyle tiffin	F	66.408	1.434	-2.406	1525	281.439	3:30	5.612	0.926	3.898	-74.355	-3.815	18.853	0.799	0.179	-12.003	0.792
6/9/2018	kyle tiffin	F	66.846	0.541	2.222	1306	143.205	10:45	5.939	-0.041	3.776	-37.428	33.566	-25.106	3.343	0.013	-6.461	-2.123
6/9/2018	kyle tiffin	F	62.138	0.893	-1.036	1360	241.588	2:00	5.761	0.907	3.785	-74.735	4.316	7.978	0.396	0.572	-12.497	0.835
6/9/2018	kyle tiffin	CH	59.912	-4.602	-0.108	1021			7.521	0.751	3.816							
6/9/2018	kyle tiffin	F	66.558	1.067	1.122		110.257	9:45	5.596	0.3	4.102	-62.287	6.477	-17.549	1.43	-0.086	-10.363	-1.599
6/9/2018	michael montoya	F	53.566	-3.441	3.419	1492			5.882	0.153	4.405							
6/9/2018	michael montoya	F	52.153	1.201	-0.992				4.892	0.903	4.275							
6/9/2018	michael montoya	CH	45.363	-1.372	-5.211	1412			5.644	1.615	4.29							
6/9/2018	michael montoya	CH	46.933	1.611	-2.017	1532			5.173	1.348	4.269							
6/9/2018	michael montoya	F	54.612	4.978	-7.025	1355			3.881	1.997	4.422							