

utha pitching

Pitcher	Pitch Type	Speed [mph]	Launch (V) [°]	Launch (H) [°]	Spin [rpm]	Spin Axis [°]	Spin Tilt	Release Height	Release Side	Pitch Extension	Pitch Break (V)	Pitch Break Ind (V)	Pitch Break (H)	Zone Speed [mph]	Approach (V) [°]	Approach (H) [°]
madison stevens		49.475	11.119	3.38	923	99.839	9:15	3.923	-2.161	4.528	-54.68	2.396	-13.815	44.363	-3.475	0.073
mya perez		56.009	9.826	-1.867	1525	8.865	6:15	1.795	0.669	2.57	-62.845	-15.017	-2.342	51.105	-5.993	-2.764
mya perez		55.784	8.021	-1.283	1527	139.775	10:45	2.33	0.595	2.431	-40.795	6.925	-5.857	51.098	-2.38	-2.876
mya perez		54.573	10.125	-0.582		236.952	2:0	2.178	0.605	2.887	-47.388	2.356	3.621	49.454	-2.009	0.03
mya perez		55.93	8.146	2.049	1467	118.334	10:0	2.352	0.611	3.009	-45.06	2.339	-4.337	50.595	-3.455	1.019
mya perez		54.357	7.151	-0.862	1467	201.719	12:45	2.467	0.669	2.562	-37.909	12.237	4.874	49.655	-2.593	0.303
mya perez		55.619	7.929	1.182	1518	127.468	10:15	2.248	0.538	3.374	-44.491	2.508	-3.273	50.349	-3.642	0.422
mya perez	Changeup	44.708	6.858	-1.056	1059	257.039	2:30	2.18	0.562	2.831	-71.376	2.159	9.379	41.469	-11.256	1.705
mya perez	Changeup	44.976	8.497	-0.06	816	106.094	9:30	2.476	0.391	2.863	-72.193	1.431	-4.96	41.224	-9.925	-1.239
mya perez	Curveball	56.309	7.726	-1.131	1456	74.63	8:30	2.322	0.474	2.977	-48.499	-1.937	-7.046	51.184	-4.737	-2.839
mya perez	Curveball	56.06	7.186	-1.5	1481	121.231	10:0	2.483	0.571	3.217	-42.961	3.704	-6.109	50.782	-3.966	-2.984
mya perez	Screw Ball	55.167	6.005	2.607	1535	123.977	10:15	2.072	0.552	2.951	-42.734	4.815	-7.144	50.7	-5.006	0.775
mya perez		56.811	8.289	2.586	1425	33.478	7:0	1.864	0.58	2.858	-52.831	-6.295	-4.163	51.38	-5.175	1.411
mya perez		55.445	9.913	-2.12	1381	59.427	8:0	1.988	0.719	2.676	-49.679	-0.893	-1.511	50.274	-2.702	-2.553
mya perez		54.699	12.925	-3.008	1480	39.509	7:15	1.75	0.989	2.598	-56.619	-6.027	-4.97	49.518	-1.236	-4.464
karra leeger		56.159	4.5	0.672	1149	134.066	10:30	2.543	0.987	3.432	-34.851	10.206	-10.544	51.444	-4.59	-2.209
karra leeger		55.357	4.777	1.676	1089	121.689	10:0	2.156	1.025	3.459	-42.986	2.773	-4.492	51.148	-6.461	0.8
karra leeger		55.637	7.311	-2.415	1084	24.193	6:45	2.247	1.025	3.194	-49.579	-2.62	-1.177	50.761	-5.482	-2.617
karra leeger		55.912	8.382	0.704	1480	55.089	7:45	2.458	0.971	3.461	-54.701	-9.253	-13.258	51.243	-5.759	-2.785
karra leeger		55.869	3.173	1.281	1085	144.288	10:45	2.546	0.988	3.156	-26.466	19.511	-14.026	51.245	-3.747	-2.382
karra leeger		56.376	5.713	-0.472	1063	113.289	9:45	2.632	0.979	3.052	-42.257	4.133	-9.603	51.22	-5.157	-3.143
karra leeger	Screw Ball	56.357	5.47	-1.154	857	168.382	11:30	2.808	0.864	3.46	-32.242	13.561	-2.788	50.876	-3.009	-2.047
karra leeger	Screw Ball	57.112	6.931	-0.564	1727	125.157	10:15	2.379	0.993	3.323	-37.6	6.379	-9.057	52.103	-2.891	-2.814
karra leeger	Curveball	56.544	5.324	-2.804	1746	160.777	11:15	2.668	1.045	3.336	-41.888	3.205	-1.118	51.661	-5.56	-3.341
karra leeger	Curveball	55.407	2.695	-3.563	1257	147.296	11:0	3.037	1.078	3.061	-37.936	9.124	-5.859	51.176	-7.074	-5.258
karra leeger		54.32	5.484	-0.317	1120	133.539	10:30	2.621	1.013	3.249	-40.847	8.016	-8.436	49.655	-5.106	-2.692
karra leeger		54.541	3.928	-0.165	1040	164.907	11:30	3.077	0.982	3.449	-14.964	33.072	-8.919	49.539	-0.279	-2.421
karra leeger		55.327	3.738	-1.792	893	122.445	10:0	2.529	1.09	3.309	-41.85	5.171	-8.133	50.783	-7.19	-3.595
karra leeger		54.942	4.809	-2.313	1889	113.693	9:45	2.39	1.116	3.058	-45.48	2.55	-5.811	50.525	-6.949	-3.545
karra leeger	Changeup	39.252	3.396	-1.956	1143			2.648	0.971	3.544						
karra leeger	Changeup	35.895	13.624	-0.08	1114	135.477	10:30	2.067	0.861	2.906	-110.365	11.024	-10.842	32.629	-14.276	-2.613
kaitlin entrup		58.778	8.003	-1.409	1466	214.636	1:15	2.546	0.875	3.881	-32.404	7.795	5.385	53.639	-0.576	-0.047
kaitlin entrup		59.741	4.703	1.236	1041	144.961	10:45	2.393	0.853	3.531	-28.511	11.772	-8.255	54.159	-2.843	-0.818
kaitlin entrup		59.598	3.951	0.001	1362	170.444	11:45	2.322	0.846	4.134	-26.833	11.621	-1.956	54.627	-3.254	-0.408
kaitlin entrup		60.712	8.175	-0.322	1322	332.801	5:0	2.247	0.743	4.168	-40.733	-3.079	1.583	55.127	-2.593	0.122
kaitlin entrup		60.774	6.641	0.345	743	120.992	10:0	2.06	0.945	3.399	-36.459	3.346	-5.57	54.663	-2.885	-0.992
kaitlin entrup		61.177	4.643	0.972	1361	157.756	11:15	2.23	0.87	3.129	-25.023	14.421	-5.898	55.239	-1.94	-0.448
kaitlin entrup		60.202	4.192	2.615	1362	130.28	10:15	2.189	0.815	4.653	-28.895	7.657	-9.035	55.337	-3.65	0.297
kaitlin entrup		61.303	9.037	0.241	1383	24.603	6:45	2.018	0.926	3.75	-48.141	-10.383	-4.754	55.703	-3.506	-0.864
kaitlin entrup	Screw Ball	60.647	5.166	3.684	974	140.539	10:45	2.157	0.727	3.997	-33.883	4.192	-3.451	55.201	-3.819	2.886
kaitlin entrup	Screw Ball	60.713	3.372	3.992	1362	155.422	11:15	2.356	0.528	3.811	-24.14	13.321	-6.093	55.891	-3.021	2.292
kaitlin entrup	Curveball	59.764	6.868	-1.303	1218	16.347	6:30	1.647	0.554	4.014	-65.732	-27.332	-8.017	55.388	-10.268	-3.421
kaitlin entrup	Curveball	62.142	6.729	-1.814		332.772	5:0	1.756	0.713	3.745	-51.291	-14.065	7.237	56.297	-6.678	-0.2
kaitlin entrup	Curveball	61.229	6.462	-3.178	1265	334.313	5:15	1.89	0.904	4.035	-53.828	-16.999	8.176	56.292	-7.65	-1.315
kaitlin entrup		62.285	6.26	2.158	727	119.8	10:0	2.06	0.9	3.623	-30.306	6.417	-11.205	56.564	-1.666	-0.843
kaitlin entrup		60.542	4.338	1.576	1303	150.522	11:0	2.264	0.834	3.271	-24.995	12.202	-6.897	56.723	-2.244	-0.136
kaitlin entrup		61.151	0.529	-0.894	1252	164.055	11:30	2.529	1.246	4.098	-21.622	14.922	-4.263	56.346	-5.271	-2.033
kaitlin entrup		60.629	-0.352	1.452	1317	146.428	11:0	3.01	0.977	3.87	-9.954	27.088	-17.978	56.163	-3.182	-3.154
kaitlin entrup																
kaitlin entrup	Changeup	39.701	18.423	3.094	674	112.195	9:45	1.411	0.833	2.937	-102.412	3.884	-9.519	34.024	-7.217	0.785
kaitlin entrup	Changeup	38.434	17.221	2.352	1039	126.081	10:15	1.44	0.949	2.574	-98.062	7.958	-10.92	34.355	-7.199	-0.881
kaitlin entrup	Changeup	39.391	16.154	2.425	1063	138.585	10:30	1.476	0.595	2.631	-92.779	10.385	-9.161	34.771	-7.091	-0.353
kaitlin entrup		60.69	4.698	-3.265	901	339.686	5:15	1.789	0.938	4.21	-44.855	-8.021	2.969	56.052	-7.175	-2.747
kaitlin entrup		61.028	6.847	-0.927	1264	16.196	6:30	1.639	1.079	3.887	-64.977	-27.986	-8.129	56.578	-10.022	-3.016
kaitlin entrup		60.814	7.327	-3.777	1269	325.264	4:45	1.233	1.149	4.013	-61.618	-24.135	16.735	55.908	-8.703	0.494
emily higgins		53.442	7.102	-1.19	1177	184.855	12:15	2.398	0.819	2.984	-42.767	8.047	0.684	48.907	-3.951	-1.272
emily higgins		52.772	4.281	1.927	1272	142.714	10:45	2.606	0.828	3.641	-39.596	9.519	-7.248	49.137	-6.124	-0.001
emily higgins	Fastball	52.331	2.52	-1.688	1298	201.02	12:45	2.818	0.777	2.856	-26.596	23.884	9.178	49.329	-4.449	0.588
emily higgins	Fastball	53.8	6.582	-0.537		173.094	11:45	2.275	0.812	3.154	-43.929	6.434	-0.779	48.976	-4.814	-0.814
emily higgins	Screw Ball	52.85	7.282	2.596	1215	140.449	10:45	2.286	0.097	2.514	-47.554	7.329	-6.052	47.675	-4.853	1.215
emily higgins	Screw Ball	52.356	6.027	1.674	1412	166.452	11:30	2.604	0.227	2.732	-35.597	19.233	-4.634	47.326	-3.208	0.553
emily higgins	Curveball	54.061	4.32	-1.543	1333	155.089	11:15	2.51	0.693	2.654	-41.646	9.385	-4.358	49.442	-6.354	-2.716
emily higgins	Curveball	53.348	6.579	-2.559	1119	78.46	8:30	2.328	0.698	3.082	-52.276	-0.753	-3.688	48.726	-6.877	-3.539
emily higgins	Drop Ball	52.301	2.81	-2.845	1255	250.592	2:15	2.685	0.927	2.975	-45.909	5.183	14.71	49.297	-9.003	0.814
emily higgins	Drop Ball	52.966	3.636	-2.149	1219	138.779	10:45	2.759	0.806	3.002	-40.723	12.551	-10.996	48.106	-6.839	-5.138
emily higgins	Changeup	46.028	7	-1.259	813	267.686	3:0	2.343	0.912	3.95	-66.266	0.163	4.033	42.296	-10.386	-0.264
emily higgins	Changeup	45.53	6.855	-0.539	1757	178.095	12:0	2.528	0.829	3.742	-59.763	7.971	-0.265	41.959	-8.804	-0.662
emily higgins	Rise Ball	52.433	10.643	-1.76	1331	160.531	11:15	2.446	0.755	3.95	-44.407	8.341	-2.949	46.734	-1.052	-2.507
emily higgins	Rise Ball	51.705	8.09	-0.178	1392	169.948	11:45	2.41	0.658	3.746	-45.836	7.819	-1.386	46.682	-3.976	-0.372
desire garcia		52.187	9.935	-1.471	1141	231.302	1:45	2.39	0.857	2.998	-55.536	0.606	0.757	46.529	-4.3	-1.309
desire garcia		47.627	8.145	-1.576	843	169.511	11:45	2.485	0.582	3.375	-54.104	11.532	-2.135	42.752	-5.951	-2.226
desire garcia		49.426	11.066	-1.822	806	143.815	10:45	2.301</								

sofia garcia		50.469	5.483	1.147	1066	44.424	7:30	2.193	0.818	3.379	-58.226	-2.625	-2.573	46.779	-9.588	0.563
sofia garcia	Changeup	45.193	9.893	3.402	854	98.13	9:15	2.009	0.795	3.654	-71.807	1.065	-7.456	40.537	-8.731	1.282
sofia garcia	Changeup	41.115	12.412	-0.335	1264	138.168	10:30	2.271	0.309	3.387	-80.997	4.353	-3.896	37.65	-8.425	-1.805
sofia garcia	Rise Ball	51.92	2.336	-0.504	2029	192.146	12:30	2.737	0.754	4.223	-38.071	13.213	2.844	47.588	-7.807	0.452
sofia garcia	Rise Ball	50.386	6.164	-0.409	815	204.614	12:45	2.549	0.558	3.11	-47.753	10.771	4.935	45.594	-6.229	0.784
sofia garcia	Curveball	51.977	5.247	-0.523	915			2.059	0.89	3.002						
sofia garcia	Curveball	48.765	9.894	-3.788		105.067	9:30	2.076	0.858	2.575	-61.85	1.903	-7.068	44.335	-5.769	-5.551
sofia garcia	Curveball	49.861	10.075	-2.465	722	36.559	7:15	1.994	0.756	3.23	-69.527	-8.26	-6.125	44.584	-7.715	-4.391
sofia garcia	Drop Ball	45.909	8.546	-2.61	804	87.283	9:0	2.136	0.702	3.875	-66.196	-0.426	-8.971	42.481	-8.72	-5.291
sofia garcia	Drop Ball	46.14	6.525	-2.634	787	100.635	9:15	2.09	0.694	3.917	-64.281	1.855	-9.877	42.518	-10.253	-5.544
brynne johnson		43.427	11.056	0.948	846	99.708	9:15	1.973	0.998	1.99	-82.656	2.035	-11.893	39.216	-9.508	-2.073
brynne johnson		42.534	9.247	1.446	818	131.508	10:30	2.299	0.767	2.126	-76.784	9.669	-10.925	38.773	-9.938	-1.67
brynne johnson		42.666	12.199	0.936	1046	95.115	9:15	1.849	0.918	1.989	-85.652	0.921	-10.287	38.737	-9.016	-2.058
brynne johnson		43.542	11.488	1.518	1056	141.59	10:45	1.995	1.006	1.936	-74.256	10.905	-8.646	38.925	-7.013	-1.002
brynne johnson	Changeup	33.206	16.843	2.687	974	129.181	10:15	1.346	0.816	1.23	-145.99	9.826	-12.056	30.543	-18.103	0.413
brynne johnson	Changeup	33.675	14.711	3.694	642	144.174	10:45	1.556	0.904	1.489	-143.749	14.132	-10.202	30.531	-19.776	0.688
brynne johnson	Drop Ball	42.533	7.572	-1.696	1179	164.249	11:30	2.345	1.001	2.201	-80.051	5.877	-1.658	39.154	-12.455	-1.607
brynne johnson	Drop Ball	43.043	6.722	-0.265	1258	139.369	10:45	1.832	0.884	2.624	-75.39	5.487	-4.708	39.913	-12.37	-1.262
brynne johnson	Rise Ball	42.046	19.101	-3.629	884	102.66	9:30	1.401	0.831	1.679	-94.53	2.286	-10.178	36.653	-3.682	-6.515
brynne johnson	Rise Ball	41.804	11.83	1.272	916	118.764	10:0	1.907	1.036	2.047	-86.032	5.199	-9.471	37.747	-9.557	-1.465
brynne johnson	Rise Ball	37.057	14.983	-3.339	1087	127.3	10:15	1.876	1.082	0.905	-97.803	7.492	-9.835	36.093	-8.527	-6.219
brynne johnson	Curveball	41.966	13.658	-3.454	1066	134.562	10:30	2.175	1.031	2.063	-84.339	8.094	-8.218	37.369	-7.344	-5.32
brynne johnson	Curveball	42.157	10.776	-1.968	813	114.422	9:45	2.065	1.022	2.144	-85.261	3.877	-8.537	38.251	-10.51	-4.169
brynne johnson	Screw Ball	41.938	7.789	5.932	817			1.532	0.867	2.158						
brynne johnson	Screw Ball	42.711	9.164	2.217	763	142.53	10:45	2.114	0.987	2.236	-75.455	10.482	-8.035	38.773	-9.766	-0.187
gabrille rodriguez		44.193	8.558	1.59	1313	284.903	3:30	2.086	0.425	3.327	-73.907	-0.529	1.989	40.902	-10.49	2.022
gabrille rodriguez		44.531	12.933	-0.311	1313	171.04	11:45	2.165	0.466	3.092	-71.103	3.893	-0.614	40.189	-5.249	-0.352
gabrille rodriguez		46.072	12.678	-1.677	926	116.667	10:0	2.206	0.681	2.896	-75.127	1.61	-3.205	40.032	-6.418	-2.561
gabrille rodriguez		45.872	8.97	0.635	981	153.87	11:15	2.196	0.603	3.052	-63.232	8.055	-3.952	41.44	-7.321	-0.309
gabrille rodriguez		31.028	11.111	1.527	1292			1.913	0.421	0.746						
gabrille rodriguez	Changeup	30.884	21.907	2.574	1138	154.9	11:15	1.309	0.642	2.433	-159.955	19.416	-9.095	27.552	-17.174	-0.5
gabrille rodriguez	Changeup															
gabrille rodriguez	Changeup	43.583	4.648	3.771	823			2.389	0.791	2.198						
gabrille rodriguez	Drop Ball	43.423	8.582	2.736	793	69.51	8:15	1.652	0.786	2.497	-81.14	-2.34	-6.262	40.448	-11.858	1.664
gabrille rodriguez	Fastball	45.802	10.02	0.609	976	70.935	8:15	2.11	0.614	3.188	-74.867	-1.614	-4.67	40.904	-9.203	-0.469
gabrille rodriguez	Fastball	44.509	8.327	2.501	822	142.231	10:45	2.05	0.569	2.805	-66.614	8.354	-6.473	40.818	-8.68	0.769
gabrille rodriguez																