Table 1: GBM relative influence and R2 by ecoregion

Ecoregion	DOY TDD 5%	DOY TDD 10%	DOY TDD 15%	DOY TDD 20%	R^2	Area (km^2)
Alaska Range Transition	10.8 (5)	7.9 (2)	40.7 (18.6)	40.6 (17.9)	0.38	5135
Aleutian Meadows	10.8 (5)	7.9 (2)	40.7 (18.6)	40.6 (17.9)	0.61	2344
Arctic Tundra	10.8 (5)	7.9 (2)	40.7 (18.6)	40.6 (17.9)	0.39	10694
Bering Taiga	10.8 (5)	7.9 (2)	40.7 (18.6)	40.6 (17.9)	0.44	6556
Bering Tundra	10.8 (5)	7.9 (2)	40.7 (18.6)	40.6 (17.9)	0.51	2259
Coast Mountains Transition	10.8 (5)	7.9 (2)	40.7 (18.6)	40.6 (17.9)	0.32	1123
Coastal Rainforests	10.8 (5)	7.9 (2)	40.7 (18.6)	40.6 (17.9)	0.52	6978
Intermontane Boreal	10.8 (5)	7.9 (2)	40.7 (18.6)	40.6 (17.9)	0.65	18149
Pacific Mountains Transition	10.8 (5)	7.9 (2)	40.7 (18.6)	40.6 (17.9)	0.46	606

Table 2: GCM start of season projections

Decade	AK Range	Aleut Mdws	Arc Tun	Bering Tai	Bering Tun	Coast Mt	Coast Rain	Boreal	Pacific Mtn
1960	120	116	130	119	127	127	114	119	120
1970	116	114	128	116	125	124	110	115	116
1980	117	115	128	117	125	124	110	115	116
1990	117	115	129	117	126	125	110	116	117
2000	110	107	125	111	122	118	103	111	111
2010	108	105	124	108	121	116	101	109	108
2020	105	99	122	104	119	113	96	107	104
2030	101	94	121	101	117	110	93	105	101
2040	101	92	121	101	117	109	92	105	100
2050	93	84	117	95	113	101	87	99	92
2060	89	82	114	91	109	97	85	96	89
2070	87	80	113	88	108	95	84	94	88
2080	83	78	111	84	104	90	82	91	84
2090	82	80	108	83	101	89	83	88	83
2100	88	78	102	86	95	94	85	88	88

Table 3: Start of season change in days between historical and 2090s

Region	SOS_delta
Arctic Tundra	-22
Bering Tundra	-26
Coastal Rainforests	-31
Intermontane Boreal	-31
Aleutian Meadows	-36
Bering Taiga	-36
Pacific Mountains Transition	-37
Alaska Range Transition	-38
Coast Mountains Transition	-38