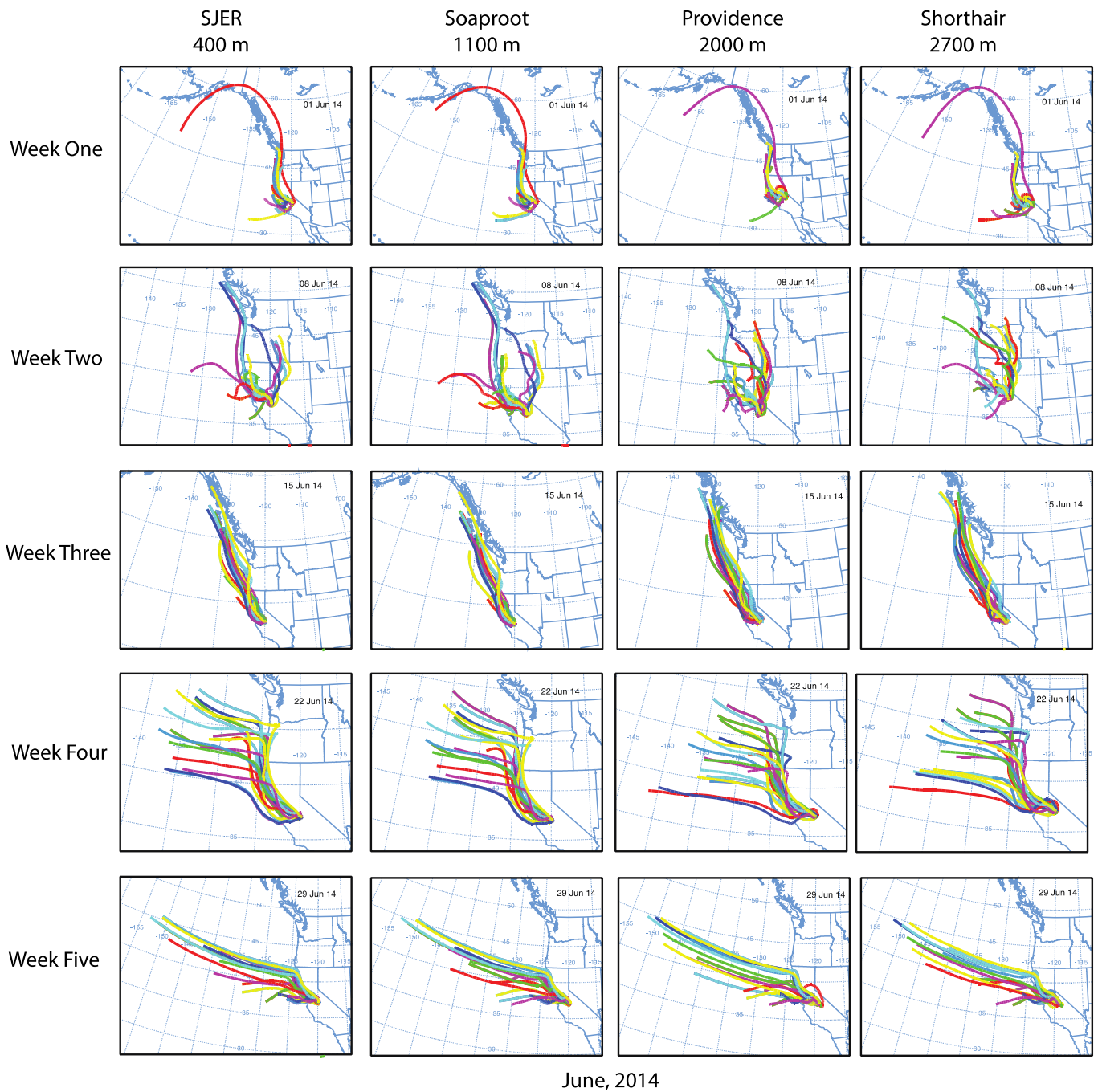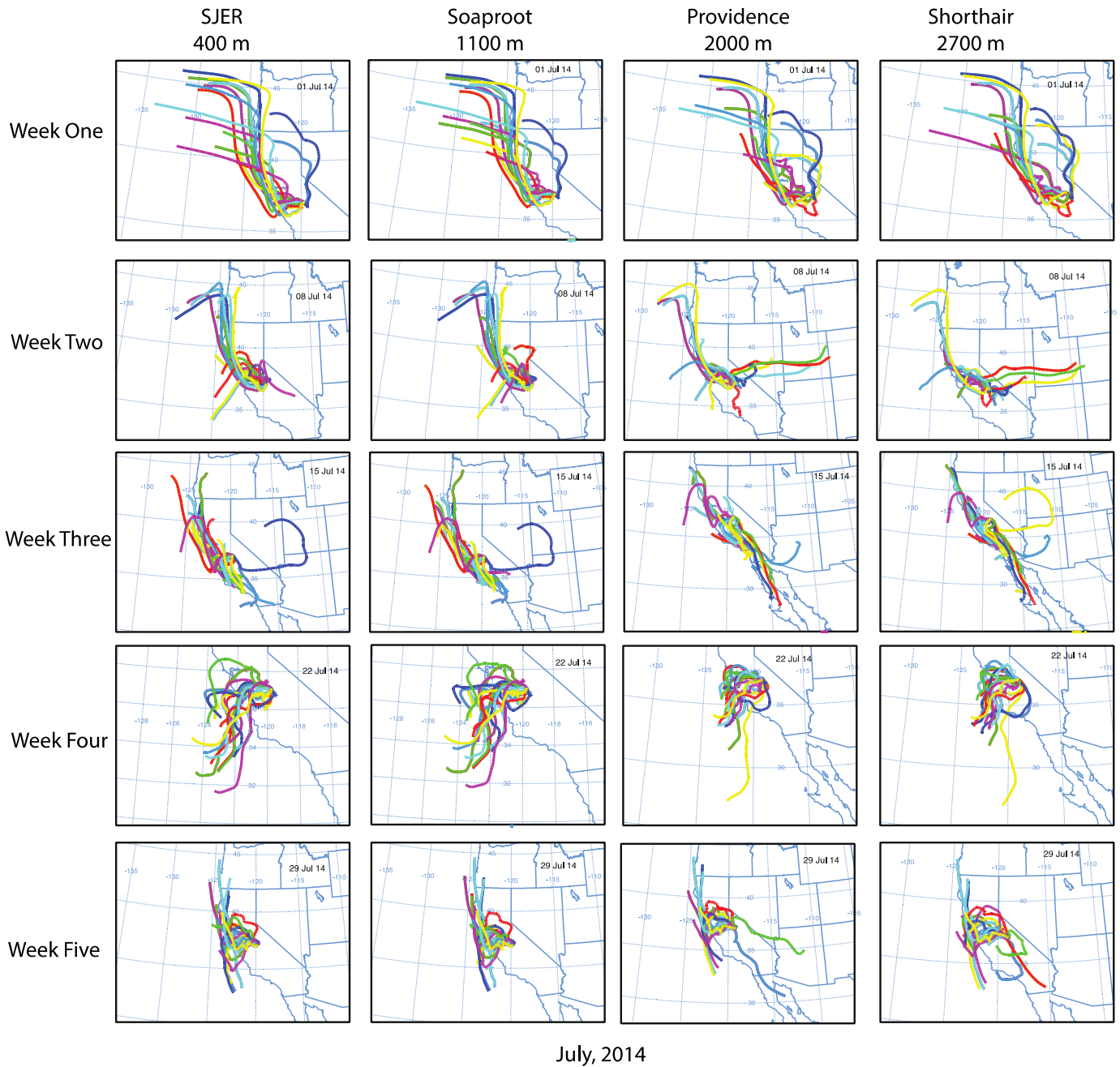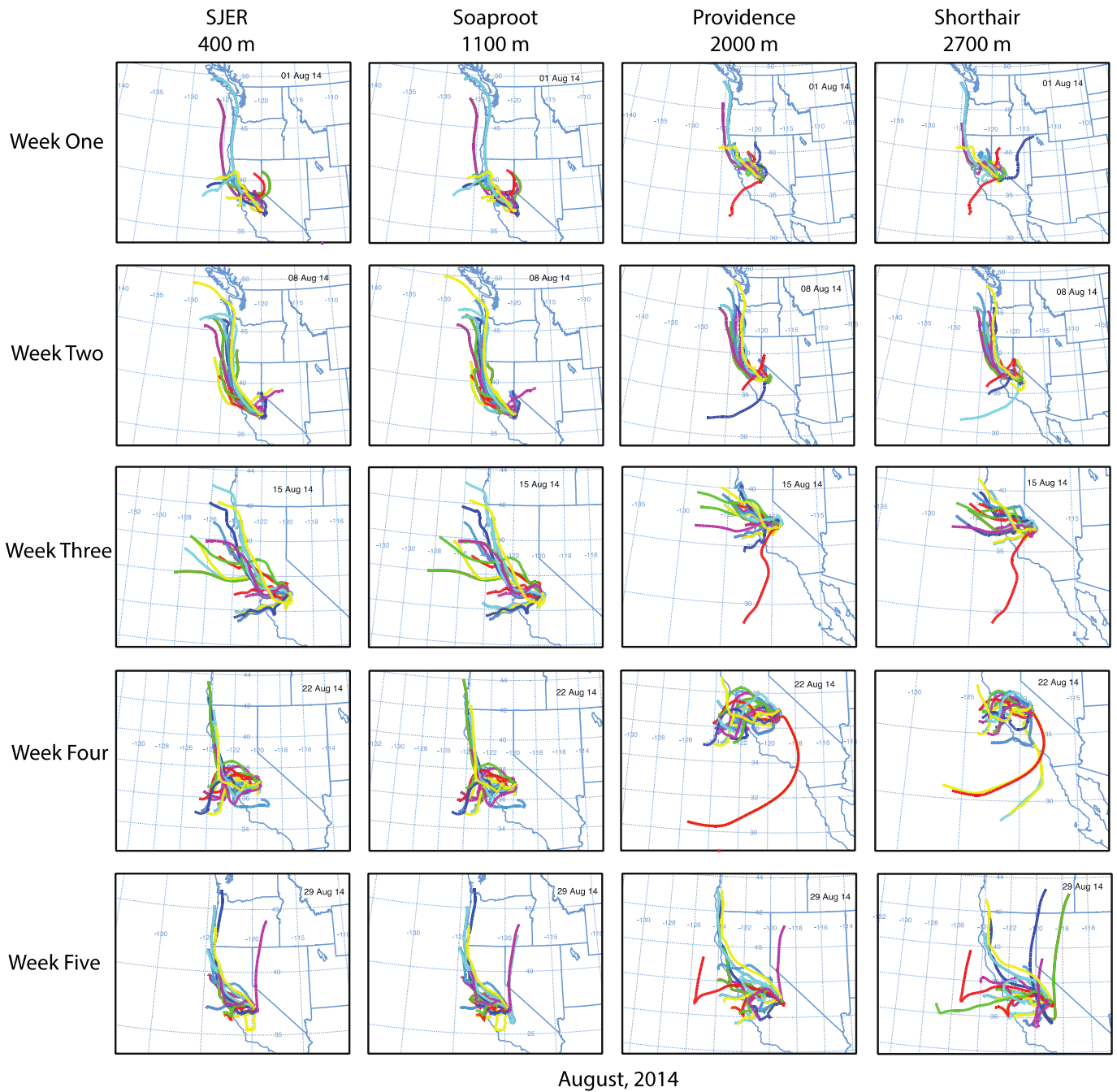Supplementary Figure 1. Hysplit back trajectory model results for each of the four samples sites for the five weeks in May, 2014. Back trajectory tracks (different colors) are initiated every 12 hours starting 315 hours prior to 12:00 UTC time on the date on each panel. Sample sites are in columns, week of the model run in rows.

	SJER 400 m	Soaproot 1100 m	Providence 2000 m	Shorthair 2700 m
Week One	01 Jun 14	01 Jun 14	01 Jun 14	01 Jun 14
Week Two	08 Jun 14	08 Jun 14	08 Jun 14	08 Jun 14
Week Three	15 Jun 14	15 Jun 14	15 Jun 14	15 Jun 14
Week Four	22 Jun 14	22 Jun 14	22 Jun 14	22 Jun 14
Week Five	29 Jun 14	29 Jun 14	29 Jun 14	29 Jun 14

June, 2014

Supplementary Figure 2. Hysplit back trajectory model results for each of the four samples sites for the five weeks in June, 2014. Back trajectory tracks (different colors) are initiated every 12 hours starting 315 hours prior to 12:00 UTC time on the date on each panel. Sample sites are in columns, week of the model run in rows.

Supplementary Figure 3. Hysplit back trajectory model results for each of the four samples sites for the five weeks in July, 2014. Back trajectory tracks (different colors) are initiated every 12 hours starting 315 hours prior to 12:00 UTC time on the date on each panel. Sample sites are in columns, week of the model run in rows.

Supplementary Figure 4. Hysplit back trajectory model results for each of the four samples sites for the five weeks in August, 2014. Back trajectory tracks (different colors) are initiated every 12 hours starting 315 hours prior to 12:00 UTC time on the date on each panel. Sample sites are in columns, week of the model run in rows.