



Distribution of top 10% largest significant wave heights by wave direction for NDBC Buoy 46042 (Monterey Bay) when WVdir data were available (1993-2002) for El Niño events, La Niña events and the change in wave direction between the two end-members. El Niño events have a relatively higher proportion of largest significant wave heights out of the west and southwest as compared to La Niña events, when the more of the largest significant wave heights are out of the northwest.