

PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

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COVER PHOTO — This is a geometrically-corrected change image prepared from two acquisitions of Nimbus-7 Coastal Zone Color Scanner data, covering western California from San Francisco to Los Angeles. It indicates changes that occurred between 10 May and 13 June 1979. It was prepared from a digitally merged two-date file of CZCS data. It illustrates what appears to be a promising way of cost-effectively monitoring rapid changes over large areas. The image was prepared using the following color code for the three separates:

	Color Code
June CH2 (0.51-0.53 μm)—May CH2	Red
May CH6 (10.5-12.5 μm)	Blue
June CH5 (0.70-0.80 μm)	Green

Among the major changes that have taken place are (A) Dark blue—reduction in snow pack, (B) Orange/yellow—senescence of green grassland vegetation, and (C) Black—wildfires. Image submitted by John E. Colwell of the Applications Division, Resources and Technology, Environmental Research Institute of Michigan at Ann Arbor.

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