

FOR INFORMATION AND ACTION

DA-2016-55

September 6, 2016

Subject: APHIS Establishes Quarantined Areas in California for Sweet Orange Scab and Revises the Conditions for Movement of Regulated Fruit and Nursery Stock under the SOS Quarantine

To: State and Territory Agricultural Regulatory Officials

Effective immediately, the Animal and Plant Health Inspection Service (APHIS) has revised the Federal Order for *Elsinoë australis*, the fungal causal agent of sweet orange scab (SOS), to:

- Add quarantined areas in California,
- Modifies two conditions for the movement of *Citrus* spp. and *Fortunella* spp. to commercial citrus-producing states, and
- Add an additional option for the movement of nursery stock from regulated areas.

Specifically, the Federal Order adds portions of four counties in California to the list of areas regulated for SOS: Imperial, Los Angeles, San Bernardino, and Riverside. In Imperial County, the regulated areas will include 2,162 acres of citrus in Calipatria and 140 acres of citrus in Winterhaven. The Riverside County regulated area will include one nursery and 1,370 acres of citrus in Blythe. In Los Angeles County, the Pomona regulated area will encompass 13 nurseries and in neighboring San Bernardino County, the Pomona regulated area will include one nursery as well as 37 acres of citrus.

In addition, the Federal Order modifies two safeguarding measures that must be met to allow the interstate movement of fruit from SOS-regulated areas to commercial citrus-producing states. These additions will increase fruit marketing and processing opportunities, while effectively protecting non-infested citrus-producing areas from SOS. Finally, we have added options for handling and movement of nursery stock without the need for fungicide applications.

Elsinoë australis was first detected in the United States in July 2010 and is presently known to occur in Arizona, Florida, Louisiana, Mississippi, Texas, and portions of California.

To view the Federal Order and other supporting documents, please visit the APHIS website at:

http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml

For additional information, you may contact Angela McMellen Brannigan, National Policy Manager for Citrus Diseases, (301) 851-2314.



Osama El-Lissy

Deputy Administrator

Plant Protection and Quarantine

3 attachments

-Federal Order

-APHIS-Approved Packinghouse Procedures for *Elsinoë australis*, Causal Agent of SOS

-APHIS-Approved Fungicides for *Elsinoë australis* for Use in Plant Nurseries

FEDERAL ORDER
DA-2016-55
September 6, 2016

Domestic Quarantine for *Elsinoë australis* Bitanc. & Jenkins
Causal Agent of Sweet Orange Scab (SOS)

This Federal Order is being issued to prevent the spread of the fungal plant pathogen, *Elsinoë australis* Bitanc. & Jenkins, the causal agent of Sweet Orange Scab (SOS), pursuant to the regulatory authority provided by Section 412(a) of the Plant Protection Act of June 20, 2000, as amended, 7 U.S.C. 7712(a). The Act authorizes the Secretary of Agriculture to prohibit or restrict the movement in interstate commerce of any plant, plant part, or article if the Secretary determines that the restriction is necessary to prevent the dissemination of a plant pest within the United states.

The Administrator of the Animal and Plant Health Inspection Service (APHIS) considers it necessary, in order to prevent the dissemination of SOS, to establish restrictions on the interstate movement of certain regulated articles from the states of Arizona, Florida, Louisiana, Mississippi, Texas, and portions of California as described in this Federal Order. APHIS has applied similar mitigation measures to Mexico and will apply such measures to the importation of regulated articles from other countries where SOS is confirmed to exist.

This Federal Order supersedes previous SOS Federal Orders, adds quarantined areas in portions of California, and updates the conditions for interstate movement of SOS regulated articles.

A. Quarantine Areas:

The Administrator will list as a quarantine area each state, or each portion of a state, in which SOS has been confirmed by an inspector to be present, in which the Administrator has reason to believe that SOS is present, or that the Administrator considers necessary to quarantine because of its inseparability for quarantine enforcement purposes from localities in which SOS has been found.

Less than an entire state will be designated as a quarantine area only if the Administrator determines that:

1. The state has adopted and is enforcing restrictions on the intrastate movement of the regulated articles that are substantially the same as those imposed by the Administrator on the interstate movement of regulated articles; and
2. The designation of less than the entire state as a quarantine area will be sufficient to prevent interstate spread of SOS.

The Administrator or an inspector may temporarily designate any non-quarantine area as a quarantine area. The Administrator will give a copy of this Order, along with a written notice for the temporary designation, to the owner or person in possession of the non-quarantine area.

Thereafter, the interstate movement of any regulated article from an area temporarily designated as a quarantine area will be subject to this Order. As soon as practicable, this area will be added to the list of quarantine areas, or the designation will be terminated by the Administrator or an inspector. The owner or person in possession of an area for which designation is terminated will be given notice of the termination as soon as practicable.

The following areas are designated as quarantine areas:

1. Entire state of Louisiana
2. Entire state of Mississippi
3. Entire state of Texas
4. Entire state of Florida
5. Entire state of Arizona
6. Portions of California in the Calipatria and Winterhaven areas of Imperial County, the Pomona area of Los Angeles and San Bernadino Counties, and the Blythe area of Riverside County. (See Appendix: California Regulated Areas)

B. Regulated Articles:

The following are regulated articles, and may not be moved interstate from a quarantine area unless accompanied by a certificate or limited permit issued in accordance with this Order:

1. Fruit of *Citrus* spp. and *Fortunella* spp.
2. All plants and plant parts (except seeds), including leaves for consumption, budwood, and nursery stock of *Citrus* spp. and *Fortunella* spp.
3. Other articles intended for consumption, as apparel or as a similar personal accessory, or decorative use made from *Citrus* spp. and *Fortunella* spp.
4. Any other products, articles, or means of conveyance of any character whatsoever, when it is determined by an inspector that they present a hazard of spread of SOS and the person in possession thereof has been provided notice.

C. Conditions for Interstate Movement of Regulated Articles:

1. Regulated articles may move from one state in the SOS quarantine area to another contiguous state in the quarantine area without further restriction.
2. Regulated fruit from SOS quarantine areas may move interstate under certificate to all states under the following conditions:
 - a. Fruit must be washed, brushed, disinfested, treated, and waxed prior to shipment, using an APHIS-approved packing house procedure located on the APHIS website: http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml; and
 - i. Fruit must be practically free of leaves, stems, or other regulated plant material, except that stems shorter than one inch may be attached to fruit but cannot have attached leaves; and

- ii. Fruit must be packed in a packing house operating under a signed compliance agreement with APHIS; and
- iii. The certificate must be present on both paperwork accompanying the shipment and on the containers in which the fruit is packed;

or

- b. Fruit must be washed, brushed, and disinfested prior to shipment using an APHIS-approved packing house procedure located on the APHIS website:
<http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml>; and
 - i. Fruit has been inspected and determined to be asymptomatic based on visual inspection by an inspector at the packing house; and
 - ii. Fruit must be practically free of leaves, stems, or other regulated plant material, except that stems less than one-inch may be attached to fruit but cannot have attached leaves; and
 - iii. Fruit must be packed in a packing house operating under a signed compliance agreement with APHIS; and
 - iv. The certificate must be present on both paperwork accompanying the shipment and on the containers in which the fruit is packed.
3. Regulated fruit from SOS quarantine areas may move interstate and transit non-quarantined areas under limited permit to noncommercial citrus-producing states and commercial citrus-producing states with a state-wide SOS quarantine under the following conditions:
- a. Fruit must be washed, brushed, and disinfested at the packing house, prior to shipment using APHIS-approved packing house procedure located on the APHIS website:
<http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml>; and
 - b. Fruit must be practically free of leaves, stems, or other regulated plant material, except that stems less than one-inch may be attached to fruit but cannot have attached leaves; and
 - c. Fruit must be packed in a packing house operating under a signed compliance agreement with APHIS; and
 - d. The limited permit must be present on both paperwork accompanying the shipment and on the containers in which the fruit is packed.
4. Regulated fruit from SOS quarantine areas that are destined for processing or packing in a commercial citrus-producing state without a state-wide SOS quarantine may move under limited permit if it meets the following conditions:
- a. SOS regulated fruit received for processing/packing may have attached stems and leaves if it will be processed/packed in a quarantined area.
 - b. SOS regulated fruit received for processing/packing must be practically free from attached stems and leaves if it will be processed/packed in a non-quarantined area.

- c. After packing/processing regulated fruit may only have attached stems that are less than on- inch long, without leaves.
- d. The limited permit must be present on both paperwork accompanying the shipment and on the containers in which the fruit is packed.
- e. The processor/packing house/grower in the originating state and the processor in the receiving state must be operating under a signed compliance agreement with APHIS;
- f. Processors/packing/growers houses in the originating state must operate under a Compliance Agreement that stipulates the following:
 - i. Any fruit that is moved from the quarantine area must be transported in vehicles that meet the following conditions:
 - 1) If the vehicle has solid wall construction on the sides and rear of the cargo area and any openings around the tailgate or hinged door do not exceed ½ inch, only the open top must be covered with a tarpaulin or equivalent cover.
 - 2) If the vehicle has side and rear wall construction of wire mesh screen or expanded metal less than or equal to ¾ x 1-1 1/16 inch, only the open top must be covered with a tarpaulin or equivalent cover.
 - 3) If the vehicle has screen mesh openings greater than ¾ x 1-11/16 inch, the cargo area must be covered completely (to the bed of the vehicle). In addition, if mesh size is greater than ¾ x 1-11/16 inch, all reductions in mesh size must be done from within the cargo area (e.g., adding steel, fabric, or hardware cloth lining).
 - ii. Vehicles transporting pallet boxes, field boxes, field bins, etc., must have the cargo area covered with a tarpaulin or otherwise covered in a manner that does not allow any openings greater than ½ inch. In most cases, this cover will have to extend to below the top of the bottom row of boxes. However, if the pallet boxes or field boxes are stacked in a solid wall with no openings of ½ inch or more on the side or back, only the open tops of the exposed boxes are required to be covered.
 - iii. Covers or tarpaulins may be constructed of any fabric that has a weave of less than ½ inch. In addition, covers must be in good repair and securely fastened or tied down in a manner that will prevent the loss of fruit, leaves, or plant debris while in transit.
 - iv. Identity of each load of fruit must be maintained by issuing an individually numbered trip ticket containing the following information:
 - 1) Name of Grove, Land Owner/agent, Lessee, Harvester
 - 2) License tag number.
 - 3) Number of boxes contained in load (if not bulk)
 - 4) Grove block fruit originated in
 - 5) Processing plant or packinghouse to which fruit is destined
 - 6) Date of harvest
 - 7) The word “TARP” written clearly, preferably at the bottom
 - v. After being emptied and cleaned of plant debris, trailers, field boxes or bins must be disinfected using:
 - 1) A 200-ppm solution of sodium hypochlorite with a pH of 6.0 to 7.5; or
 - 2) A 0.2-percent solution of a quaternary ammonium chloride (QAC) compound; or
 - 3) A solution containing 85 parts per million PAA (indoor use only).

- g. Processors receiving fruit for processing must operate under a Compliance Agreement that stipulates the following:
 - i. After shipments are emptied at the processing plant or packinghouse, trailers, tarpaulins, field boxes, and field bins must be cleaned of all leaves and other plant debris.
 - ii. After being emptied at the processing plant or packinghouse and cleaned of plant debris, trailers, field boxes or bins must be disinfected using:
 - 1) A 200-ppm solution of sodium hypochlorite with a pH of 6.0 to 7.5; or
 - 2) A 0.2-percent solution of a QAC compound; or
 - 3) A solution containing 85 parts per million PAA (indoor use only).
 - h. Culls and peels, or other plant material that remains after processing must be handled as follows:
 - i. The plant parts must be moved in an enclosed or covered vehicle cargo area. The cargo must be enclosed or covered in a manner so as to have no openings greater than ½ inch exposing the leaves, litter, etc.
 - ii. When plant material comes directly in contact with the vehicle, the vehicle must be disinfected following movement.
 - iii. The plant parts must be destroyed by one of the following methods:
 - 1) Heat treated to at least 180 degrees Fahrenheit for a period of at least one hour,
 - 2) Incinerated,
 - 3) Buried at a landfill or other disposal site approved site approved by APHIS or the state and covered with dirt at the end of every day that dumping occurs,
 - 4) Fed to livestock as feed.
5. *Citrus* spp. and *Fortunella* spp. fruit moving through SOS quarantine areas may move interstate without a certificate or limited permit, if all of the following conditions are met:
- a. Fruit is accompanied by either: A receipt showing that the fruit was purchased outside the quarantine area, or a bill of lading stating the location of the premises where the shipment originated, the type and quantity of fruit being moved interstate, and the date the interstate movement began.
 - b. Fruit is moved through the quarantine area without being unloaded, and no regulated article, except fruit that qualifies for interstate movement from the quarantine area in accordance with this Federal Order, is added to the shipment in the quarantine area.
 - c. Fruit is completely covered, enclosed in containers, or in a compartment of a vehicle, during movement through the quarantine area.
6. *Citrus* spp. and *Fortunella* spp. fruit from outside the quarantine area moving into the SOS quarantine area for unloading or repackaging may move interstate with a certificate to all states under the following conditions:
- a. Fruit is accompanied by either: A receipt showing that the fruit was purchased outside the quarantine area, or a bill of lading stating the location of the premises where the shipment originated, the type and quantity of regulated fruit being moved interstate, and the date the interstate movement began.

- b. The person who unloads or repackages the fruit in a quarantine area must enter into a compliance agreement with APHIS and issue and attach a certificate for the interstate movement of the fruit.
 - c. The certificate must be present on both paperwork accompanying the shipment and on the containers in which the fruit is packed.
 - d. The identity of each shipment of fruit that originated from outside the quarantine area must be maintained and the fruit must be properly segregated from all other fruit in the packinghouse or warehouse.
 - e. Fruit must be practically free of leaves, stems, or other regulated plant material, except that stems less than one-inch may be attached to fruit but cannot have attached leaves.
 - f. Fruit is completely covered, enclosed in containers, or in a compartment of a vehicle, during movement through the quarantine area.
7. Fresh host plant parts (including leaves for consumption, as apparel, or as a similar personal accessory, or decorative use), excluding fruit, propagative material, and nursery stock from quarantine areas may move with a certificate to all states under the following conditions:
 - a. Producers and/or distributors must have a signed compliance agreement with APHIS; and
 - b. Regulated articles must be asymptomatic based on visual inspection by an inspector; and
 - c. The certificate should be present on both the paperwork accompanying the shipment and on the containers in which the regulated articles are packed.
8. Nursery stock from non-contiguous quarantine areas that is grown and maintained outdoors or not grown and maintained in an SOS program approved structure will only be allowed interstate movement to non-commercial citrus-producing states with a limited permit under the following conditions:
 - a. Any person engaged in growing, processing, handling, or moving host nursery stock in an SOS quarantine area must enter into a compliance agreement with APHIS;
 - b. Nursery stock may only be shipped if accompanied by a limited permit issued by an inspector verifying that all conditions of this Federal Order and any additional requirements stipulated in the compliance agreement have been met. A copy of the limited permit must be attached to the consignee's copy of the accompanying waybill;
 - c. Nurseries must be inspected by an inspector on a quarterly basis to verify absence of SOS;
 - d. Nursery stock for shipping must undergo a pre-shipment inspection on each lot within 5 days before shipment. If no SOS-positive plants are found, the plants may be shipped after treatment with an APHIS-approved fungicide. The list of approved treatments is located on the APHIS website at:
<http://www.aphis.usda.gov/plant_health/plant_pest_info/citrus/sweet_orange.shtml>
 - e. Each host plant being moved interstate must be labeled with adequate identifying information to permit trace back to each premises on which the plants were grown;
 - f. Facilities must maintain records of inspections, treatments, invoices, and shipments made under this protocol and make the records available to APHIS upon request.

- Each facility must maintain all records for at least 3 years after the interstate shipment of the citrus nursery stock; and
- g. Facility owners and employees must allow inspectors access to the facility to ensure compliance with this Federal Order.
9. Nursery stock from quarantined areas that is grown and maintained in an SOS program approved structure will be allowed interstate movement to all states with a certificate under the following conditions:
- a. Any person engaged in growing, processing, handling, or moving host nursery stock in an SOS quarantine area must enter into a compliance agreement with APHIS;
 - b. The nursery stock may only be propagated using materials that originate from an APHIS-approved state certified clean stock program.
 - c. The host nursery stock must be grown and maintained in a facility that meets the following criteria:
 - i. The structure must have a solid roof/barrier to prevent rain splash; and
 - ii. The roof/barrier must be kept in good repair without any gaps.
 - d. The host nursery stock must not be exposed to overhead irrigation to reduce the presence of water and water splash on the surface of plant tissue.
 - e. Nursery stock may only be shipped if accompanied by a certificate issued by an inspector verifying that all conditions of this Federal Order and any additional requirements stipulated in the compliance agreement have been met. A copy of the certificate must be attached to the consignee's copy of the accompanying waybill;
 - f. Nurseries must be inspected by an inspector on a quarterly basis to verify absence of SOS;
 - g. Nursery stock for shipping must undergo a pre-shipment inspection on each lot within 5-7 days before shipment. If no SOS-positive plants are found, the plants may be shipped.
 - h. Each host plant being moved interstate must be labeled with adequate identifying information to permit trace back to each premises on which the plants were grown;
 - i. Facilities must maintain records of inspections, treatments, invoices, and shipments made under this protocol and make the records available to APHIS upon request. Each facility must maintain all records for at least 3 years after the interstate shipment of the citrus nursery stock; and
 - j. Facility owners and employees must allow inspectors access to the facility to ensure compliance with this Federal Order.

D. Definitions

Certificate: A document, stamp, or other means of identification approved by APHIS and issued by an inspector or person operating under a compliance agreement when he or she finds that, because of certain conditions, a regulated article can be moved safely from a quarantine area.

Commercial Citrus-Producing states: The states of American Samoa, Arizona, California, Florida, Guam, Hawaii, Louisiana, Northern Mariana Islands, Puerto Rico, Texas, and Virgin Islands of the United states.

Compliance Agreement: A written agreement between APHIS and a person engaged in growing, processing, handling, or moving regulated or associated articles, wherein the person agrees to comply with stipulations set forth in the agreement.

Inspector: Any employee of APHIS, the U.S. Department of Agriculture, or any employee of a state a County, or any other person specifically authorized by the Administrator to perform the duties required under this Order.

Limited Permit: A document issued by an inspector or person operating under a compliance agreement to allow the interstate movement of regulated articles to a specified destination, for specified handling, processing, or utilization.

APPENDIX: California Regulated Areas

Portions of Imperial County in the Calipatria Area. Starting at a point described as N33.04578598 degrees and W115.364718964 degrees, then West to a point described as N33.045909428 degrees and W115.370128993 degrees, then West to a point described as N33.046318494 degrees and W115.375519183 degrees, then West to a point described as N33.047011568 degrees and W115.380868315 degrees, then West to a point described as N33.04798592 degrees and W115.386155327 degrees, then West to a point described as N33.049237714 degrees and W115.391359402 degrees, then West to a point described as N33.050762022 degrees and W115.396460046 degrees, then West to a point described as N33.052552842 degrees and W115.40143717 degrees, then North West to a point described as N33.054603122 degrees and W115.406271169 degrees, then North West to a point described as N33.056904787 degrees and W115.410942996 degrees, then North West to a point described as N33.059448773 degrees and W115.415434239 degrees, then North West to a point described as N33.062225062 degrees and W115.419727194 degrees, then North West to a point described as N33.065222715 degrees and W115.423804931 degrees, then North West to a point described as N33.068429927 degrees and W115.427651365 degrees, then North West to a point described as N33.071834059 degrees and W115.431251316 degrees, then North West to a point described as N33.075421701 degrees and W115.434590572 degrees, then North West to a point described as N33.079178714 degrees and W115.43765594 degrees, then North West to a point described as N33.083090291 degrees and W115.440435305 degrees, then North West to a point described as N33.087141015 degrees and W115.442917673 degrees, then North West to a point described as N33.091314917 degrees and W115.445093216 degrees, then North West to a point described as N33.095595541 degrees and W115.446953314 degrees, then North to a point described as N33.099966007 degrees and W115.448490585 degrees, then North to a point described as N33.104409079 degrees and W115.449698918 degrees, then North to a point described as N33.108907231 degrees and W115.450573496 degrees, then North to a point described as N33.113442719 degrees and W115.451110819 degrees, then North to a point described as N33.117997647 degrees and W115.451308714 degrees, then North to a point described as N33.122554041 degrees and W115.451166348 degrees, then North to a point described as N33.127093918 degrees and W115.45068423 degrees, then North to a point described as N33.131599356 degrees and W115.44986421 degrees, then North to a point described as N33.136052569 degrees and W115.448709474 degrees, then North to a point described as N33.140435972 degrees and W115.447224533 degrees, then North East to a point described as N33.144732255 degrees and W115.4454152 degrees, then North East to a point described as N33.148924448 degrees and W115.443288577 degrees, then North East to a point described as N33.150246026 degrees and W115.442498054 degrees, then North to a point described as N33.154073641 degrees and W115.442664045 degrees, then North to a point described as N33.158630001 degrees and W115.442521174 degrees, then North to a point described as N33.163169819 degrees and W115.442038414 degrees, then North to a point described as N33.167675176 degrees and W115.441217616 degrees, then North to a point described as N33.172128283 degrees and W115.440061971 degrees, then North to a point described as N33.176511559 degrees and W115.438575991 degrees, then North East to a point described as N33.180807692 degrees and W115.436765496 degrees, then North East to a point described as N33.184999713 degrees and W115.434637589 degrees, then North East to a point described as N33.189071064 degrees and W115.432200633 degrees, then North East to a point described as N33.193005657 degrees and W115.429464213 degrees, then North East to a point described as N33.196787947 degrees and W115.426439103 degrees, then North East to a point described as N33.200402986 degrees and W115.423137221 degrees, then North East to a point described as N33.203836486 degrees and W115.419571585 degrees, then North East to a point described as N33.207074875 degrees and W115.41575626 degrees, then North East to a point described as N33.21010535 degrees and W115.411706303 degrees, then North East to a point described as N33.21291593 degrees and W115.407437702 degrees, then North East to a point described as N33.215495502 degrees and W115.402967318 degrees, then North East to a point described as N33.217833864 degrees and W115.398312811 degrees, then North East to a point described as

N33.219921769 degrees and W115.393492576 degrees, then East to a point described as
N33.22175096 degrees and W115.388525666 degrees, then East to a point described as
N33.2233142 degrees and W115.38343172 degrees, then East to a point described as
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N33.224757857 degrees and W115.335295471 degrees, then East to a point described as
N33.223503753 degrees and W115.330081823 degrees, then East to a point described as
N33.221976767 degrees and W115.324972325 degrees, then East to a point described as
N33.220182938 degrees and W115.319987182 degrees, then South East to a point described as
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N33.21582416 degrees and W115.310468233 degrees, then South East to a point described as
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N33.207494722 degrees and W115.297595017 degrees, then South East to a point described as
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N33.118622662 degrees and W115.278870654 degrees, then South to a point described as
N33.114066467 degrees and W115.279021916 degrees, then South to a point described as
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N33.100571252 degrees and W115.281504144 degrees, then South to a point described as
N33.096189801 degrees and W115.282996649 degrees, then South West to a point described as
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N33.087706328 degrees and W115.286945674 degrees, then South West to a point described as
N33.083637756 degrees and W115.289386532 degrees, then South West to a point described as
N33.079706173 degrees and W115.292125806 degrees, then South West to a point described as
N33.075927075 degrees and W115.295152658 degrees, then South West to a point described as
N33.072315358 degrees and W115.298455124 degrees, then South West to a point described as
N33.068885253 degrees and W115.302020156 degrees, then South West to a point described as
N33.065650277 degrees and W115.305833679 degrees, then South West to a point described as

N33.062623174 degrees and W115.309880642 degrees, then South West to a point described as N33.059815869 degrees and W115.314145078 degrees, then South West to a point described as N33.05723942 degrees and W115.318610172 degrees, then South West to a point described as N33.054903975 degrees and W115.32325832 degrees, then South West to a point described as N33.052818732 degrees and W115.328071204 degrees, then West to a point described as N33.050991902 degrees and W115.333029858 degrees, then West to a point described as N33.049430679 degrees and W115.338114751 degrees, then West to a point described as N33.048141211 degrees and W115.343305853 degrees, then West to a point described as N33.047128574 degrees and W115.348582722 degrees, then West to a point described as N33.046396755 degrees and W115.353924581 degrees, then West to a point described as N33.045948636 degrees and W115.359310396 degrees, then West to the starting point.

Portions of Imperial County in the Winterhaven Area. Starting at a point described as N32.7358864781 degrees and W114.603522692 degrees, then South to a point described as N32.7262851954 degrees and W114.603942285 degrees, then West to a point described as N32.7363874175 degrees and W114.664007267 degrees, then North West to a point described as N32.7375286042 degrees and W114.665192031 degrees, then North West to a point described as N32.741136829 degrees and W114.66848773 degrees, then North West to a point described as N32.7449127495 degrees and W114.671509112 degrees, then North West to a point described as N32.7488414846 degrees and W114.674244233 degrees, then North West to a point described as N32.7529075471 degrees and W114.676682274 degrees, then North West to a point described as N32.7570949093 degrees and W114.678813581 degrees, then North West to a point described as N32.7613870596 degrees and W114.680629709 degrees, then North to a point described as N32.7657670745 degrees and W114.68212345 degrees, then North to a point described as N32.7702176781 degrees and W114.683288864 degrees, then North to a point described as N32.7747213147 degrees and W114.684121306 degrees, then North to a point described as N32.7792602192 degrees and W114.684617441 degrees, then North to a point described as N32.7838164805 degrees and W114.684775259 degrees, then North to a point described as N32.7883721196 degrees and W114.684594087 degrees, then North to a point described as N32.7929091561 degrees and W114.684074588 degrees, then North to a point described as N32.7974096802 degrees and W114.68321876 degrees, then North to a point described as N32.8018559221 degrees and W114.682029932 degrees, then North to a point described as N32.8062303271 degrees and W114.680512749 degrees, then North East to a point described as N32.8105156191 degrees and W114.678673154 degrees, then North East to a point described as N32.8146948721 degrees and W114.676518368 degrees, then North East to a point described as N32.8187515771 degrees and W114.674056859 degrees, then North East to a point described as N32.8226697056 degrees and W114.671298312 degrees, then North East to a point described as N32.8264337758 degrees and W114.668253587 degrees, then North East to a point described as N32.8300289128 degrees and W114.664934683 degrees, then North East to a point described as N32.8334409074 degrees and W114.661354686 degrees, then North East to a point described as N32.833605111 degrees and W114.661159259 degrees, then North East to a point described as N32.837146938 degrees and W114.658664543 degrees, then North East to a point described as N32.8409106925 degrees and W114.65561879 degrees, then North East to a point described as N32.8445054868 degrees and W114.652298837 degrees, then North East to a point described as N32.8479171127 degrees and W114.648717774 degrees, then North East to a point described as N32.8511320829 degrees and W114.644889726 degrees, then North East to a point described as N32.85413769 degrees and W114.640829802 degrees, then North East to a point described as N32.8569220495 degrees and W114.636554031 degrees, then North East to a point described as N32.8594741519 degrees and W114.632079301 degrees, then North East to a point described as N32.861783905 degrees and W114.62742329 degrees, then North East to a point described as N32.8638421753 degrees and W114.6226044 degrees, then East to a point described as N32.8656408212 degrees and W114.617641679 degrees, then East to a point described as N32.867172729 degrees and W114.612554747 degrees, then East to a point described as N32.8684318393 degrees and W114.607363723 degrees, then East to a point described as N32.8694131714 degrees and W114.602089136 degrees, then East to a point described as

N32.8701128439 degrees and W114.596751849 degrees, then East to a point described as N32.8705280888 degrees and W114.591372976 degrees, then East to a point described as N32.870657262 degrees and W114.585973797 degrees, then East to a point described as N32.8704998546 degrees and W114.580575671 degrees, then East to a point described as N32.8700564879 degrees and W114.575199954 degrees, then East to a point described as N32.8693289157 degrees and W114.569867912 degrees, then East to a point described as N32.8683200176 degrees and W114.564600639 degrees, then East to a point described as N32.8670337838 degrees and W114.559418967 degrees, then East to a point described as N32.8654753018 degrees and W114.554343391 degrees, then East to a point described as N32.8636507375 degrees and W114.549393982 degrees, then South East to a point described as N32.861567306 degrees and W114.544590308 degrees, then South East to a point described as N32.8592332478 degrees and W114.539951357 degrees, then South East to a point described as N32.8566577936 degrees and W114.535495461 degrees, then South East to a point described as N32.8551249037 degrees and W114.53317135 degrees, then South East to a point described as N32.8548666867 degrees and W114.532724661 degrees, then South East to a point described as N32.8520599251 degrees and W114.528469597 degrees, then South East to a point described as N32.8490330544 degrees and W114.524432002 degrees, then South East to a point described as N32.845798041 degrees and W114.520627815 degrees, then South East to a point described as N32.8423676742 degrees and W114.51707205 degrees, then South East to a point described as N32.8387555131 degrees and W114.513778733 degrees, then South East to a point described as N32.8349758343 degrees and W114.510760846 degrees, then South East to a point described as N32.8310435738 degrees and W114.508030283 degrees, then South East to a point described as N32.826974271 degrees and W114.505597793 degrees, then South East to a point described as N32.8227840005 degrees and W114.503472945 degrees, then South East to a point described as N32.8224628373 degrees and W114.503337668 degrees, then South West to a point described as N32.8099123512 degrees and W114.526219492 degrees, then South to a point described as N32.788047047 degrees and W114.535077445 degrees, then South to a point described as N32.7714115227 degrees and W114.530095237 degrees, then West to a point described as N32.7712322842 degrees and W114.543187696 degrees, then South to a point described as N32.7607497406 degrees and W114.543004547 degrees, then West to a point described as N32.7607536248 degrees and W114.561582708 degrees, then South to a point described as N32.7489359764 degrees and W114.560751028 degrees, then West to a point described as N32.7488292116 degrees and W114.572210733 degrees, then South to a point described as N32.7374388923 degrees and W114.571958909 degrees, then West to the starting point.

Portions of Los Angeles and San Bernadino Counties in the Pomona Area. Starting at a point described as N34.13124448 degrees and W117.814036597 degrees, then East to a point described as N34.131228603 degrees and W117.808556416 degrees, then East to a point described as N34.130926365 degrees and W117.803088278 degrees, then East to a point described as N34.130338963 degrees and W117.797653818 degrees, then East to a point described as N34.12946872 degrees and W117.792274536 degrees, then East to a point described as N34.12831908 degrees and W117.786971713 degrees, then East to a point described as N34.12689459 degrees and W117.781766326 degrees, then East to a point described as N34.125200887 degrees and W117.776678961 degrees, then East to a point described as N34.123244669 degrees and W117.771729736 degrees, then South East to a point described as N34.121033675 degrees and W117.766938219 degrees, then South East to a point described as N34.11857665 degrees and W117.762323348 degrees, then South East to a point described as N34.11588331 degrees and W117.75790336 degrees, then South East to a point described as N34.112964308 degrees and W117.753695714 degrees, then South East to a point described as N34.109831185 degrees and W117.749717026 degrees, then South East to a point described as N34.106496328 degrees and W117.745983001 degrees, then South East to a point described as N34.102972922 degrees and W117.742508371 degrees, then South East to a point described as N34.099274894 degrees and W117.739306839 degrees, then South East to a point described as N34.095416859 degrees and W117.736391022 degrees, then South East to a point described as N34.091414065 degrees and W117.733772402 degrees, then South East to a point described as

N34.087282326 degrees and W117.731461286 degrees, then South East to a point described as N34.083037967 degrees and W117.729466758 degrees, then South to a point described as N34.078697753 degrees and W117.727796648 degrees, then South to a point described as N34.074278827 degrees and W117.726457504 degrees, then South to a point described as N34.069798637 degrees and W117.725454562 degrees, then South to a point described as N34.065274875 degrees and W117.724791729 degrees, then South to a point described as N34.060725398 degrees and W117.724471566 degrees, then South to a point described as N34.056168164 degrees and W117.724495283 degrees, then South to a point described as N34.051621157 degrees and W117.724862731 degrees, then South to a point described as N34.047102321 degrees and W117.725572405 degrees, then South to a point described as N34.042629482 degrees and W117.726621452 degrees, then South to a point described as N34.038220285 degrees and W117.72800568 degrees, then South to a point described as N34.033892119 degrees and W117.729719579 degrees, then South West to a point described as N34.029662053 degrees and W117.73175634 degrees, then South West to a point described as N34.025546765 degrees and W117.734107886 degrees, then South West to a point described as N34.021562479 degrees and W117.736764901 degrees, then South West to a point described as N34.0177249 degrees and W117.73971687 degrees, then South West to a point described as N34.014049153 degrees and W117.74295212 degrees, then South West to a point described as N34.010549721 degrees and W117.746457867 degrees, then South West to a point described as N34.007240395 degrees and W117.750220265 degrees, then South West to a point described as N34.004134212 degrees and W117.754224462 degrees, then South West to a point described as N34.001243407 degrees and W117.758454661 degrees, then South West to a point described as N33.998579369 degrees and W117.762894176 degrees, then South West to a point described as N33.996152588 degrees and W117.767525506 degrees, then South West to a point described as N33.993972622 degrees and W117.772330394 degrees, then West to a point described as N33.992048056 degrees and W117.77728991 degrees, then West to a point described as N33.990386467 degrees and W117.782384515 degrees, then West to a point described as N33.988994397 degrees and W117.787594143 degrees, then West to a point described as N33.987877328 degrees and W117.792898279 degrees, then West to a point described as N33.987039657 degrees and W117.798276039 degrees, then West to a point described as N33.986484682 degrees and W117.803706249 degrees, then West to a point described as N33.986214587 degrees and W117.809167534 degrees, then West to a point described as N33.986230437 degrees and W117.814638394 degrees, then West to a point described as N33.986532167 degrees and W117.820097293 degrees, then West to a point described as N33.987118592 degrees and W117.825522741 degrees, then West to a point described as N33.987987401 degrees and W117.830893382 degrees, then West to a point described as N33.989135174 degrees and W117.836188069 degrees, then West to a point described as N33.990557394 degrees and W117.841385955 degrees, then West to a point described as N33.99224846 degrees and W117.846466571 degrees, then West to a point described as N33.994201714 degrees and W117.851409905 degrees, then North West to a point described as N33.996409465 degrees and W117.856196484 degrees, then North West to a point described as N33.998863019 degrees and W117.860807447 degrees, then North West to a point described as N34.001552713 degrees and W117.865224619 degrees, then North West to a point described as N34.004467955 degrees and W117.869430584 degrees, then North West to a point described as N34.007597261 degrees and W117.873408753 degrees, then North West to a point described as N34.010928303 degrees and W117.87714343 degrees, then North West to a point described as N34.014447959 degrees and W117.880619871 degrees, then North West to a point described as N34.01814236 degrees and W117.883824347 degrees, then North West to a point described as N34.021996947 degrees and W117.886744194 degrees, then North West to a point described as N34.025996529 degrees and W117.889367863 degrees, then North West to a point described as N34.030125339 degrees and W117.891684973 degrees, then North West to a point described as N34.034367102 degrees and W117.893686341 degrees, then North to a point described as N34.038705091 degrees and W117.89536403 degrees, then North to a point described as N34.043122201 degrees and W117.896711374 degrees, then North to a point described as N34.047601009 degrees and W117.897723007 degrees, then North to a point described as

N34.052123848 degrees and W117.898394885 degrees, then North to a point described as N34.056672873 degrees and W117.898724304 degrees, then North to a point described as N34.061230136 degrees and W117.898709908 degrees, then North to a point described as N34.065777649 degrees and W117.898351699 degrees, then North to a point described as N34.070297464 degrees and W117.897651036 degrees, then North to a point described as N34.074771736 degrees and W117.89661063 degrees, then North to a point described as N34.0791828 degrees and W117.895234538 degrees, then North to a point described as N34.083513235 degrees and W117.89352814 degrees, then North East to a point described as N34.087745939 degrees and W117.891498128 degrees, then North East to a point described as N34.09186419 degrees and W117.889152473 degrees, then North East to a point described as N34.095851719 degrees and W117.886500396 degrees, then North East to a point described as N34.09969277 degrees and W117.883552335 degrees, then North East to a point described as N34.103372162 degrees and W117.880319902 degrees, then North East to a point described as N34.106875354 degrees and W117.876815836 degrees, then North East to a point described as N34.110188498 degrees and W117.873053957 degrees, then North East to a point described as N34.113298495 degrees and W117.869049107 degrees, then North East to a point described as N34.11619305 degrees and W117.864817097 degrees, then North East to a point described as N34.118860716 degrees and W117.860374637 degrees, then North East to a point described as N34.121290944 degrees and W117.855739279 degrees, then North East to a point described as N34.123474123 degrees and W117.85092934 degrees, then East to a point described as N34.125401617 degrees and W117.845963832 degrees, then East to a point described as N34.127065803 degrees and W117.840862387 degrees, then East to a point described as N34.128460097 degrees and W117.835645179 degrees, then East to a point described as N34.129578983 degrees and W117.830332843 degrees, then East to a point described as N34.130418036 degrees and W117.824946392 degrees, then East to a point described as N34.130973934 degrees and W117.819507137 degrees, then East to the starting point.

Portions of Riverside County in the Blythe Area. Starting at a point described as N33.678822885 degrees and W114.696299162 degrees, then East to a point described as N33.678670106 degrees and W114.690851308 degrees, then East to a point described as N33.678231406 degrees and W114.685425726 degrees, then East to a point described as N33.677508521 degrees and W114.680043881 degrees, then East to a point described as N33.676504311 degrees and W114.674727063 degrees, then East to a point described as N33.675222747 degrees and W114.669496301 degrees, then East to a point described as N33.673668901 degrees and W114.664372286 degrees, then East to a point described as N33.671848918 degrees and W114.659375278 degrees, then South East to a point described as N33.669769997 degrees and W114.654525035 degrees, then South East to a point described as N33.66744036 degrees and W114.649840729 degrees, then South East to a point described as N33.664869221 degrees and W114.645340873 degrees, then South East to a point described as N33.662066747 degrees and W114.641043243 degrees, then South East to a point described as N33.659044018 degrees and W114.636964813 degrees, then South East to a point described as N33.655812986 degrees and W114.633121685 degrees, then South East to a point described as N33.652386423 degrees and W114.629529025 degrees, then South East to a point described as N33.648777874 degrees and W114.626201004 degrees, then South East to a point described as N33.645001601 degrees and W114.623150742 degrees, then South East to a point described as N33.641072526 degrees and W114.620390258 degrees, then South East to a point described as N33.637006176 degrees and W114.617930419 degrees, then South East to a point described as N33.632818614 degrees and W114.615780902 degrees, then South East to a point described as N33.628526383 degrees and W114.613950152 degrees, then South to a point described as N33.624146436 degrees and W114.612445354 degrees, then South to a point described as N33.619696069 degrees and W114.6112724 degrees, then South to a point described as N33.615192854 degrees and W114.610435873 degrees, then South to a point described as N33.610654571 degrees and W114.609939021 degrees, then South to a point described as N33.606099133 degrees and W114.609783755 degrees, then South to a point described as N33.601544519 degrees and W114.609970634 degrees, then South to a point described as N33.597008702 degrees and

W114.610498868 degrees, then South to a point described as N33.592509579 degrees and
W114.611366319 degrees, then South to a point described as N33.588064899 degrees and
W114.612569515 degrees, then South to a point described as N33.583692194 degrees and
W114.614103659 degrees, then South West to a point described as N33.579408708 degrees and
W114.615962652 degrees, then South West to a point described as N33.575231332 degrees and
W114.618139118 degrees, then South West to a point described as N33.571176537 degrees and
W114.62062443 degrees, then South West to a point described as N33.567260308 degrees and
W114.623408751 degrees, then South West to a point described as N33.56349808 degrees and
W114.626481067 degrees, then South West to a point described as N33.559904683 degrees and
W114.629829233 degrees, then South West to a point described as N33.556494276 degrees and
W114.633440024 degrees, then South West to a point described as N33.553280297 degrees and
W114.637299184 degrees, then South West to a point described as N33.550275409 degrees and
W114.641391483 degrees, then South West to a point described as N33.547491449 degrees and
W114.645700778 degrees, then South West to a point described as N33.544939384 degrees and
W114.650210075 degrees, then South West to a point described as N33.542629266 degrees and
W114.654901599 degrees, then South West to a point described as N33.540570194 degrees and
W114.659756861 degrees, then West to a point described as N33.538770275 degrees and
W114.66475673 degrees, then West to a point described as N33.537236599 degrees and
W114.669881511 degrees, then West to a point described as N33.535975205 degrees and
W114.67511102 degrees, then West to a point described as N33.534991059 degrees and
W114.680424664 degrees, then West to a point described as N33.534288036 degrees and
W114.68580152 degrees, then West to a point described as N33.533868906 degrees and
W114.691220418 degrees, then West to a point described as N33.533735318 degrees and
W114.696660026 degrees, then West to a point described as N33.533887799 degrees and
W114.702098927 degrees, then West to a point described as N33.534325748 degrees and
W114.707515711 degrees, then West to a point described as N33.535047441 degrees and
W114.71288905 degrees, then West to a point described as N33.536050038 degrees and
W114.71819779 degrees, then West to a point described as N33.537329591 degrees and
W114.723421027 degrees, then West to a point described as N33.538881062 degrees and
W114.728538192 degrees, then West to a point described as N33.540698343 degrees and
W114.733529129 degrees, then North West to a point described as N33.542774276 degrees and
W114.738374178 degrees, then North West to a point described as N33.545100687 degrees and
W114.743054249 degrees, then North West to a point described as N33.547668414 degrees and
W114.747550896 degrees, then North West to a point described as N33.550467343 degrees and
W114.751846393 degrees, then North West to a point described as N33.553486449 degrees and
W114.755923799 degrees, then North West to a point described as N33.556713839 degrees and
W114.759767029 degrees, then North West to a point described as N33.560136796 degrees and
W114.763360915 degrees, then North West to a point described as N33.563741834 degrees and
W114.766691267 degrees, then North West to a point described as N33.567514746 degrees and
W114.769744928 degrees, then North West to a point described as N33.571440662 degrees and
W114.772509826 degrees, then North West to a point described as N33.575504106 degrees and
W114.774975024 degrees, then North West to a point described as N33.57968906 degrees and
W114.77713076 degrees, then North West to a point described as N33.583979022 degrees and
W114.778968491 degrees, then North to a point described as N33.588357076 degrees and
W114.780480923 degrees, then North to a point described as N33.592805955 degrees and
W114.781662042 degrees, then North to a point described as N33.597308109 degrees and
W114.782507138 degrees, then North to a point described as N33.601845778 degrees and
W114.783012826 degrees, then North to a point described as N33.606401057 degrees and
W114.783177057 degrees, then North to a point described as N33.610955969 degrees and
W114.78299913 degrees, then North to a point described as N33.615492536 degrees and
W114.782479695 degrees, then North to a point described as N33.61999285 degrees and
W114.781620749 degrees, then North to a point described as N33.624439144 degrees and
W114.780425632 degrees, then North to a point described as N33.62881386 degrees and
W114.778899013 degrees, then North East to a point described as N33.633099721 degrees and
W114.777046871 degrees, then North East to a point described as N33.6372798 degrees and

W114.774876476 degrees, then North East to a point described as N33.641337582 degrees and
W114.772396356 degrees, then North East to a point described as N33.645257037 degrees and
W114.769616271 degrees, then North East to a point described as N33.649022677 degrees and
W114.766547165 degrees, then North East to a point described as N33.65261962 degrees and
W114.763201132 degrees, then North East to a point described as N33.65603365 degrees and
W114.759591364 degrees, then North East to a point described as N33.659251272 degrees and
W114.755732102 degrees, then North East to a point described as N33.662259765 degrees and
W114.751638577 degrees, then North East to a point described as N33.665047235 degrees and
W114.747326951 degrees, then North East to a point described as N33.667602661 degrees and
W114.742814255 degrees, then North East to a point described as N33.669915938 degrees and
W114.738118317 degrees, then North East to a point described as N33.671977917 degrees and
W114.733257696 degrees, then East to a point described as N33.673780443 degrees and
W114.728251608 degrees, then East to a point described as N33.675316388 degrees and
W114.723119846 degrees, then East to a point described as N33.676579676 degrees and
W114.717882703 degrees, then East to a point described as N33.67756531 degrees and
W114.712560893 degrees, then East to a point described as N33.678269392 degrees and
W114.707175469 degrees, then East to a point described as N33.678689137 degrees and
W114.701747734 degrees, then East to the starting point.