

## REDWOOD NATIONAL PARK

### VISITOR USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting data and estimating visitor use statistics for **Redwood National Park**. These instructions are effective the date of issuance and will continue in effect unless changed by agreement between the NPS Social Science Program and the Park Superintendent.

#### Recreation Visits

1. A magnetometer traffic counter is located on Enderts/Crescent Beach Road. The traffic count is divided by two to account for entry and exit. The adjusted traffic count is reduced for 180 nonreportable vehicles. The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier in Table 1.
2. A magnetometer traffic counter is located on the road to Klamath River Overlook parking area. The traffic count is divided by two to account for entry and exit. The adjusted traffic count is reduced for 90 nonreportable vehicles. The reduced traffic count is multiplied by the PPV multiplier in Table 1.
3. A magnetometer traffic counter is located at the entrance to Lagoon Creek parking area. The traffic count is divided by two to account for entry and exit. The adjusted traffic count is reduced for 90 nonreportable vehicles. The reduced traffic count is multiplied by the PPV multiplier in Table 1.
4. A magnetometer traffic counter is located at the entrance to Freshwater Lagoon parking area. The traffic count is divided by two to account for entry and exit. The adjusted traffic count is reduced for 120 nonreportable vehicles. The reduced traffic count is multiplied by the PPV multiplier in Table 1.
5. A trail counter is located at the entrance of the walkway to Lady Bird Johnson Grove. The count is divided by two to adjust for visitors entering and exiting. The adjusted visitor count is reduced for nonreportable visits (30 November through March; 60 April through October).
6. A magnetometer traffic counter is located at the entrance to Redwood Creek Trail. The traffic count is divided by two to account for entry and exit. The adjusted traffic count is reduced for 120 nonreportable vehicles. The reduced traffic count is multiplied by the PPV multiplier in Table 1.
7. A magnetometer traffic counter is located at Lost Man Creek Road. The traffic count is divided by two to account for entry and exit. The adjusted traffic count is reduced for 120 nonreportable vehicles. The adjusted traffic count is multiplied by the PPV multiplier in Table 1.
8. A magnetometer traffic counter is located at the entrance to Skunk Cabbage Trail. The traffic count is divided by two to account for entry and exit. The adjusted traffic count is reduced for 120 nonreportable vehicles. The adjusted traffic count is multiplied by the PPV multiplier in Table 1.
9. A magnetometer traffic counter is located at Klamath Beach Road. The traffic count is divided by two to account for entry and exit. The adjusted traffic count is reduced for 60 nonreportable vehicles, 180 CAL FIRE staff vehicles, 60 CAL FIRE crew vehicles, and one

tribal vehicle per month. The adjusted traffic count is multiplied by the PPV multiplier in Table 1.

10. The number of visitors using the Redwood Creek Horse Trail as observed by park staff.
11. The number of visitors at the Environmental Camps (Howland Hills/Wolf Creek). This is day use visitors only.
12. The number of visitors entering the Crescent City Information Center.
13. Take the higher of 12a or 12b:
  - a. The number of visitors entering the Hiouchi Visitor Center.
  - b. A magnetometer traffic counter is located at the Visitor Center. The traffic count is divided by two to account for entry and exit. The adjusted traffic count is reduced for 180 nonreportable vehicles. The adjusted traffic count is multiplied by the PPV multiplier in Table 1.
14. The number of visitors at Tall Trees.
15. Concession visitors entering on horseback.
16. Visitors entering through special use permit.

Table 1  
Person Per Vehicle Multipliers by Month

BY MONTH	PPV MULTIPLIER
NOVEMBER-MARCH	2.3
APRIL-OCTOBER	2.7

**Recreation visits are the sum of 1 through 16 and then divided by 2 to adjust for duplicate reporting. The visitor use survey conducted in 1988 concluded the average visitor entered two or more counting areas of the park.**

#### Non-Recreation Visits

1. There are 180 CAL FIRE staff vehicles at Klamath Beach Road per month. The vehicle count is multiplied by 1 person per vehicle.
2. There are 60 CAL FIRE crew vehicles at Klamath Beach Road per month. The vehicle count is multiplied by 12 persons per vehicle.
3. There is one tribal vehicle at Klamath Beach Road per month. The vehicle count is multiplied by 2 persons per vehicle.

#### Recreation Visitor Hours

1. All recreation visits are multiplied by three hours and thirty minutes (3.5 hours).

2. All overnight stays are multiplied by twenty-one hours thirty minutes (21.5 hours).

### **Non - Recreation Visitor Hours**

1. CAL FIRE staff and crew non-recreation visits are multiplied by 15 minutes per stay (0.25 hours).
2. Tribal non-recreation visits are multiplied by one hour per stay.

### **Overnight Stays**

#### NPS Backcountry

1. The number of backcountry overnight stays at Redwood Creek.
2. The number of backcountry overnight stays at Elam Camp.
3. The number of overnight stays at Flint Ridge.
4. The number of overnight stays at De Martin.
5. The number of overnight stays at Little Bald Hills.
6. The number of overnight stays at 44 Backcountry Camp.

#### NPS Miscellaneous - Environmental Schools

The number of nights group campers stay at the Environmental Schools camping area.