

Assessment -1

1. Write a C program to store and analyze rainfall data for a month across 10 regions. Extend the problem to include additional functionality for detailed insights, edge case handling, and computational complexity. The program should identify the day with the highest total rainfall for each region, compute averages, and detect anomalies.

Detailed Requirements:

1. Data Structure:

- Use a **3D array** to store rainfall data.
- Dimensions:
 - 10 regions (Region 0 to Region 9),
 - 30 days (Day 1 to Day 30),
 - 4 daily intervals (morning, afternoon, evening, and night).

2. Input Constraints:

- Populate the 3D array with rainfall data (in mm) entered by the user. Allow only non-negative integers.
- Validate the input for each region, day, and interval. Ensure the user re-enters data if invalid values (negative or extreme outliers, e.g., > 500 mm) are provided.

3. Analysis Requirements:

- **Identify Maximum Rainfall Days:**
 - For each region, compute the total rainfall for each day and identify the day with the highest rainfall.
- **Averages:**
 - Compute the **average daily rainfall** for each region over the month.
 - Compute the **average rainfall across all regions** for the entire month.
- **Anomaly Detection:**
 - Detect and report any day with unusually high rainfall for a region (e.g., total rainfall > 300 mm for a day).

4. Output Requirements:

- Display the rainfall data for each region in a structured format.
- For each region:

- Display the day(s) with the highest rainfall and the total rainfall for that day.
 - Display the average daily rainfall for the region.
 - Display the overall monthly average rainfall across all regions.
 - Highlight any anomalies detected.
- 5. Edge Case Handling:**
- Handle ties for the day with the highest rainfall (e.g., multiple days having the same highest rainfall).
 - Handle regions with uniform rainfall (e.g., same amount every day).
 - Gracefully manage situations where all rainfall values are zero for a region or across all regions.
- 6. Extended Functionality:**
- Allow the user to input another set of data for analysis without restarting the program.
 - Allow users to filter and display data for a specific region or day as needed.
- 7. Performance Optimization:**
- Use nested loops efficiently to minimize redundant computations.
 - Optimize memory usage by processing data region by region when displaying or analyzing results.

Example Execution:

Input:

- **Region 0 Rainfall (Day 1):** [12, 15, 10, 8]
- **Region 0 Rainfall (Day 2):** [20, 18, 25, 22]
- **... (Input for remaining days and regions)**

Processing:

- **Region 0:**
 - Day 2 Total Rainfall: $20+18+25+22=85$ (Highest).
 - Average Daily Rainfall: Sum of rainfall for 30 days $\div 30$.
- **All Regions:**
 - Overall Monthly Average Rainfall: Sum of all rainfall values $\div (10 \times 30)$.
- **Anomaly Detection:**
 - Day 15 in Region 3 had 320 mm total rainfall (Anomaly).

Output:

- **Rainfall Data:**
 - Display structured data for each region with daily totals.
- **Region 0 Analysis:**
 - Day with Highest Rainfall: Day 2 (85 mm).
 - Average Daily Rainfall: 45.6 mm.
- **Overall Analysis:**
 - Monthly Average Rainfall Across All Regions: 48.3 mm.
- **Anomalies:**
 - Region 3, Day 15: Total rainfall exceeded 300 mm (320 mm).

Sol: #include <stdio.h>

#define REGIONS 10

#define DAYS 30

#define INTERVALS 4

```
void inputRainfall(int rainfall[REGIONS][DAYS][INTERVALS]) {
    for (int r = 0; r < REGIONS; r++) {
        for (int d = 0; d < DAYS; d++) {
            printf("Enter rainfall for Region %d, Day %d (4 intervals):\n", r,
d + 1);
            int totalRainfall = 0;
            for (int i = 0; i < INTERVALS; i++) {
                printf("Interval %d: ", i + 1);
                scanf("%d", &rainfall[r][d][i]);
                totalRainfall += rainfall[r][d][i];
            }
        }
    }
}
```

```
        printf("Total rainfall for Region %d, Day %d: %d\n", r, d + 1,
totalRainfall);
    }
}
}
```

```
int main() {
    int rainfall[REGIONS][DAYS][INTERVALS];

    inputRainfall(rainfall);

    // Analyze the data for each region
    for (int r = 0; r < REGIONS; r++) {
        int highestRainfall = 0;
        int highestDay = 0;

        printf("\nRegion %d Analysis:\n", r);

        for (int d = 0; d < DAYS; d++) {
            int totalForDay = 0;
            for (int i = 0; i < INTERVALS; i++) {
                totalForDay += rainfall[r][d][i];
            }
        }
    }
}
```

```
printf("Day %d Total Rainfall: %d\n", d + 1, totalForDay);

// Check if this day has the highest rainfall
if (totalForDay > highestRainfall) {
    highestRainfall = totalForDay;
    highestDay = d + 1; // Store the day with highest rainfall
}
}

printf("Highest rainfall was on Day %d with %d mm.\n",
highestDay, highestRainfall);
}

return 0;
}
```

O/p:

Enter rainfall for Region 0, Day 1 (4 intervals):

Interval 1: 56

Interval 2: 76

Interval 3: 45

Interval 4: 65

Total rainfall for Region 0, Day 1: 242

Enter rainfall for Region 0, Day 2 (4 intervals):

Interval 1: 12

Interval 2: 13

Interval 3: 14

Interval 4: 15

Total rainfall for Region 0, Day 2: 54

Enter rainfall for Region 0, Day 3 (4 intervals):

Interval 1: 11

Interval 2: 98

Interval 3: 74

Interval 4: 53

Total rainfall for Region 0, Day 3: 236

Enter rainfall for Region 0, Day 4 (4 intervals):

Interval 1: 73

Interval 2: 65

Interval 3: 667

Interval 4: 53

Total rainfall for Region 0, Day 4: 257

Enter rainfall for Region 0, Day 5 (4 intervals):

Interval 1: 34

Interval 2: 221

Interval 3: 45

Interval 4: 23

Total rainfall for Region 0, Day 5: 124

Enter rainfall for Region 0, Day 6 (4 intervals):

Interval 1: 56

Interval 2: 84

Interval 3: 63

Interval 4: 54

Total rainfall for Region 0, Day 6: 257

Enter rainfall for Region 0, Day 7 (4 intervals):

Interval 1: 52

Interval 2: 53

Interval 3: 75

Interval 4: 74

Total rainfall for Region 0, Day 7: 254

Enter rainfall for Region 0, Day 8 (4 intervals):

Interval 1: 75

Interval 2: 74

Interval 3: 83

Interval 4: 72

Total rainfall for Region 0, Day 8: 304

Enter rainfall for Region 0, Day 9 (4 intervals):

Interval 1: 11

Interval 2: 10

Interval 3: 19

Interval 4: 19

Total rainfall for Region 0, Day 9: 59

Enter rainfall for Region 0, Day 10 (4 intervals):

Interval 1: 37

Interval 2: 37

Interval 3: 74

Interval 4: 82

Total rainfall for Region 0, Day 10: 230

Enter rainfall for Region 0, Day 11 (4 intervals):

Interval 1: 93

Interval 2: 75

Interval 3: 83

Interval 4: 84

Total rainfall for Region 0, Day 11: 335

Enter rainfall for Region 0, Day 12 (4 intervals):

Interval 1: 89

Interval 2: 27

Interval 3: 85

Interval 4: 82

Total rainfall for Region 0, Day 12: 283

Enter rainfall for Region 0, Day 13 (4 intervals):

Interval 1: 94

Interval 2: 83

Interval 3: 53

Interval 4: 263

Total rainfall for Region 0, Day 13: 493

Enter rainfall for Region 0, Day 14 (4 intervals):

Interval 1: 72

Interval 2: 73

Interval 3: 81

Interval 4: 75

Total rainfall for Region 0, Day 14: 301

Enter rainfall for Region 0, Day 15 (4 intervals):

Interval 1: 83

Interval 2: 89

Interval 3: 58

Interval 4: 96

Total rainfall for Region 0, Day 15: 326

Enter rainfall for Region 0, Day 16 (4 intervals):

Interval 1: 83

Interval 2: 64

Interval 3: 73

Interval 4: 84

Total rainfall for Region 0, Day 16: 304

Enter rainfall for Region 0, Day 17 (4 intervals):

Interval 1: 82

Interval 2: 73

Interval 3: 84

Interval 4: 75

Total rainfall for Region 0, Day 17: 314

Enter rainfall for Region 0, Day 18 (4 intervals):

Interval 1: 83

Interval 2: 72

Interval 3: 73

Interval 4: 84

Total rainfall for Region 0, Day 18: 312

Enter rainfall for Region 0, Day 19 (4 intervals):

Interval 1: 95

Interval 2: 74

Interval 3: 85

Interval 4: 83

Total rainfall for Region 0, Day 19: 337

Enter rainfall for Region 0, Day 20 (4 intervals):

Interval 1: 94

Interval 2: 84

Interval 3: 8

Interval 4: 84

Total rainfall for Region 0, Day 20: 270

Enter rainfall for Region 0, Day 21 (4 intervals):

Interval 1: 23

Interval 2: 93

Interval 3: 94

Interval 4: 73

Total rainfall for Region 0, Day 21: 283

Enter rainfall for Region 0, Day 22 (4 intervals):

Interval 1: 73

Interval 2: 84

Interval 3: 95

Interval 4: 04

Total rainfall for Region 0, Day 22: 256

Enter rainfall for Region 0, Day 23 (4 intervals):

Interval 1: 05

Interval 2: 95

Interval 3: 85

Interval 4: 92

Total rainfall for Region 0, Day 23: 277

Enter rainfall for Region 0, Day 24 (4 intervals):

Interval 1: 34

Interval 2: 21

Interval 3: 23

Interval 4: 45

Total rainfall for Region 0, Day 24: 123

Enter rainfall for Region 0, Day 25 (4 intervals):

Interval 1: 23

Interval 2: 32

Interval 3: 45

Interval 4: 32

Total rainfall for Region 0, Day 25: 132

Enter rainfall for Region 0, Day 26 (4 intervals):

Interval 1: 53

Interval 2: 5

Interval 3: 32

Interval 4: 14

Total rainfall for Region 0, Day 26: 104

Enter rainfall for Region 0, Day 27 (4 intervals):

Interval 1: 54

Interval 2: u4

Interval 3: Interval 4: Total rainfall for Region 0, Day 27: 2189606

Enter rainfall for Region 0, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 0, Day 28: 2209928

Enter rainfall for Region 0, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 0, Day 29: 79200

Enter rainfall for Region 0, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 0, Day 30: 2198472

Enter rainfall for Region 1, Day 1 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 1: 4405120

Enter rainfall for Region 1, Day 2 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 2: 928

Enter rainfall for Region 1, Day 3 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 3: 16

Enter rainfall for Region 1, Day 4 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 4: 1696

Enter rainfall for Region 1, Day 5 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 5: 896

Enter rainfall for Region 1, Day 6 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 6: 56

Enter rainfall for Region 1, Day 7 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 7: 904

Enter rainfall for Region 1, Day 8 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 8: 1792

Enter rainfall for Region 1, Day 9 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 9: 136

Enter rainfall for Region 1, Day 10 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 10: 15

Enter rainfall for Region 1, Day 11 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 11: 4375008

Enter rainfall for Region 1, Day 12 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 12: 2189568

Enter rainfall for Region 1, Day 13 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 13: 152

Enter rainfall for Region 1, Day 14 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 14: 1685383335

Enter rainfall for Region 1, Day 15 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 15: 1696

Enter rainfall for Region 1, Day 16 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 16: 96

Enter rainfall for Region 1, Day 17 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 17: 500270254

Enter rainfall for Region 1, Day 18 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 18: 1000690388

Enter rainfall for Region 1, Day 19 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 19: -1550939007

Enter rainfall for Region 1, Day 20 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 20: 1000491213

Enter rainfall for Region 1, Day 21 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 21: 500226712

Enter rainfall for Region 1, Day 22 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 22: 1591335230

Enter rainfall for Region 1, Day 23 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 23: 1090870560

Enter rainfall for Region 1, Day 24 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 24: -1550938007

Enter rainfall for Region 1, Day 25 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 25: 1125929975

Enter rainfall for Region 1, Day 26 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 26: 500232762

Enter rainfall for Region 1, Day 27 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 27: 498024132

Enter rainfall for Region 1, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 28: 1588792094

Enter rainfall for Region 1, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 29: -2113259604

Enter rainfall for Region 1, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 1,
Day 30: 4

Enter rainfall for Region 2, Day 1 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 1: -920255325

Enter rainfall for Region 2, Day 2 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 2: 3

Enter rainfall for Region 2, Day 3 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 3: -2051164689

Enter rainfall for Region 2, Day 4 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 4: 1588895040

Enter rainfall for Region 2, Day 5 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 5: 1591088966

Enter rainfall for Region 2, Day 6 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 6: 1591144743

Enter rainfall for Region 2, Day 7 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 7: 500219836

Enter rainfall for Region 2, Day 8 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 8: 1

Enter rainfall for Region 2, Day 9 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 9: 500217339

Enter rainfall for Region 2, Day 10 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 10: 1000437172

Enter rainfall for Region 2, Day 11 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 11: 500218219

Enter rainfall for Region 2, Day 12 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 12: 0

Enter rainfall for Region 2, Day 13 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 13: 0

Enter rainfall for Region 2, Day 14 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 14: 1715027667

Enter rainfall for Region 2, Day 15 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 15: 1000691108

Enter rainfall for Region 2, Day 16 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 16: 968961781

Enter rainfall for Region 2, Day 17 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 17: 0

Enter rainfall for Region 2, Day 18 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 18: 0

Enter rainfall for Region 2, Day 19 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 19: 500466708

Enter rainfall for Region 2, Day 20 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 20: 1000323228

Enter rainfall for Region 2, Day 21 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 21: 497891425

Enter rainfall for Region 2, Day 22 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 22: 1000768677

Enter rainfall for Region 2, Day 23 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 23: 1

Enter rainfall for Region 2, Day 24 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 24: 1000548388

Enter rainfall for Region 2, Day 25 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 25: 1591090790

Enter rainfall for Region 2, Day 26 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 26: 1591340214

Enter rainfall for Region 2, Day 27 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 27: 500313807

Enter rainfall for Region 2, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 28: 4096

Enter rainfall for Region 2, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 29: 1589395094

Enter rainfall for Region 2, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 2,
Day 30: 31

Enter rainfall for Region 3, Day 1 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 1: 1229801104

Enter rainfall for Region 3, Day 2 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 2: 4063236

Enter rainfall for Region 3, Day 3 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 3: 245455

Enter rainfall for Region 3, Day 4 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 4: 5886256

Enter rainfall for Region 3, Day 5 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 5: 8454234

Enter rainfall for Region 3, Day 6 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 6: 128

Enter rainfall for Region 3, Day 7 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 7: 848

Enter rainfall for Region 3, Day 8 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 8: 792

Enter rainfall for Region 3, Day 9 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 9: 1982007

Enter rainfall for Region 3, Day 10 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 10: 3964000

Enter rainfall for Region 3, Day 11 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 11: 56

Enter rainfall for Region 3, Day 12 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 12: -256

Enter rainfall for Region 3, Day 13 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 13: 16843004

Enter rainfall for Region 3, Day 14 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 14: 1211761176

Enter rainfall for Region 3, Day 15 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 15: 95

Enter rainfall for Region 3, Day 16 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 16: -1169512517

Enter rainfall for Region 3, Day 17 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 17: 3480

Enter rainfall for Region 3, Day 18 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 18: 96

Enter rainfall for Region 3, Day 19 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 19: 1

Enter rainfall for Region 3, Day 20 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 20: 0

Enter rainfall for Region 3, Day 21 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 21: 500270246

Enter rainfall for Region 3, Day 22 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 22: 1000690388

Enter rainfall for Region 3, Day 23 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 23: 503393426

Enter rainfall for Region 3, Day 24 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 24: 1000491213

Enter rainfall for Region 3, Day 25 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 25: 500226719

Enter rainfall for Region 3, Day 26 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 26: 1591336254

Enter rainfall for Region 3, Day 27 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 27: 1090871584

Enter rainfall for Region 3, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 28: 503394398

Enter rainfall for Region 3, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 29: 1090921079

Enter rainfall for Region 3, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 3,
Day 30: 500219514

Enter rainfall for Region 4, Day 1 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 1: 498016420

Enter rainfall for Region 4, Day 2 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 2: 1588793214

Enter rainfall for Region 4, Day 3 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 3: 1090871776

Enter rainfall for Region 4, Day 4 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 4: 4

Enter rainfall for Region 4, Day 5 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 5: 0

Enter rainfall for Region 4, Day 6 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 6: 0

Enter rainfall for Region 4, Day 7 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 7: 3167716

Enter rainfall for Region 4, Day 8 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 8: 1588888352

Enter rainfall for Region 4, Day 9 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 9: 1591089990

Enter rainfall for Region 4, Day 10 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 10: 1591145767

Enter rainfall for Region 4, Day 11 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 11: 500219836

Enter rainfall for Region 4, Day 12 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 12: 1

Enter rainfall for Region 4, Day 13 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 13: 500217339

Enter rainfall for Region 4, Day 14 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 14: 1000437172

Enter rainfall for Region 4, Day 15 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 15: 502200247

Enter rainfall for Region 4, Day 16 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 16: 0

Enter rainfall for Region 4, Day 17 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 17: 6

Enter rainfall for Region 4, Day 18 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 18: -1

Enter rainfall for Region 4, Day 19 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 19: 1000691276

Enter rainfall for Region 4, Day 20 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 20: 16

Enter rainfall for Region 4, Day 21 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 21: 1687567942

Enter rainfall for Region 4, Day 22 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 22: 1093061996

Enter rainfall for Region 4, Day 23 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 23: 1090873593

Enter rainfall for Region 4, Day 24 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 24: 1000323292

Enter rainfall for Region 4, Day 25 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 25: 645417417

Enter rainfall for Region 4, Day 26 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 26: 1000763909

Enter rainfall for Region 4, Day 27 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 27: 1

Enter rainfall for Region 4, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 28: 1000563132

Enter rainfall for Region 4, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 29: 1090874540

Enter rainfall for Region 4, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 4,
Day 30: 1090874677

Enter rainfall for Region 5, Day 1 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 1: 823017041

Enter rainfall for Region 5, Day 2 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 2: 322714192

Enter rainfall for Region 5, Day 3 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 3: 1090874692

Enter rainfall for Region 5, Day 4 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 4: 1000580164

Enter rainfall for Region 5, Day 5 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 5: 1000715636

Enter rainfall for Region 5, Day 6 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 6: -988249591

Enter rainfall for Region 5, Day 7 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 7: 73599

Enter rainfall for Region 5, Day 8 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 8: 1090871964

Enter rainfall for Region 5, Day 9 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 9: 500218634

Enter rainfall for Region 5, Day 10 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 10: 6

Enter rainfall for Region 5, Day 11 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 11: 500466698

Enter rainfall for Region 5, Day 12 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 12: 1591114971

Enter rainfall for Region 5, Day 13 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 13: 500493637

Enter rainfall for Region 5, Day 14 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 14: 500239782

Enter rainfall for Region 5, Day 15 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 15: 500241051

Enter rainfall for Region 5, Day 16 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 16: 0

Enter rainfall for Region 5, Day 17 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 17: 0

Enter rainfall for Region 5, Day 18 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 18: 0

Enter rainfall for Region 5, Day 19 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 19: 95

Enter rainfall for Region 5, Day 20 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 20: -1169512517

Enter rainfall for Region 5, Day 21 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 21: 3480

Enter rainfall for Region 5, Day 22 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 22: 96

Enter rainfall for Region 5, Day 23 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 23: 1

Enter rainfall for Region 5, Day 24 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 24: 0

Enter rainfall for Region 5, Day 25 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 25: 0

Enter rainfall for Region 5, Day 26 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 26: 0

Enter rainfall for Region 5, Day 27 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 27: 0

Enter rainfall for Region 5, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 28: 0

Enter rainfall for Region 5, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 29: 0

Enter rainfall for Region 5, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 5,
Day 30: 0

Enter rainfall for Region 6, Day 1 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 1: 0

Enter rainfall for Region 6, Day 2 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 2: 500464666

Enter rainfall for Region 6, Day 3 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 3: 1090873532

Enter rainfall for Region 6, Day 4 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 4: 500464666

Enter rainfall for Region 6, Day 5 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 5: 0

Enter rainfall for Region 6, Day 6 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 6: 0

Enter rainfall for Region 6, Day 7 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 7: 0

Enter rainfall for Region 6, Day 8 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 8: -2147483256

Enter rainfall for Region 6, Day 9 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 9: 0

Enter rainfall for Region 6, Day 10 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 10: 0

Enter rainfall for Region 6, Day 11 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 11: 0

Enter rainfall for Region 6, Day 12 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 12: 0

Enter rainfall for Region 6, Day 13 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 13: 0

Enter rainfall for Region 6, Day 14 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 14: 0

Enter rainfall for Region 6, Day 15 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 15: 0

Enter rainfall for Region 6, Day 16 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 16: 0

Enter rainfall for Region 6, Day 17 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 17: 0

Enter rainfall for Region 6, Day 18 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 18: 500270246

Enter rainfall for Region 6, Day 19 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 19: 998138356

Enter rainfall for Region 6, Day 20 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 20: -2060640339

Enter rainfall for Region 6, Day 21 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 21: 1000491461

Enter rainfall for Region 6, Day 22 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 22: 497994144

Enter rainfall for Region 6, Day 23 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 23: 1591090318

Enter rainfall for Region 6, Day 24 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 24: 1090872976

Enter rainfall for Region 6, Day 25 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 25: -2060557863

Enter rainfall for Region 6, Day 26 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 26: 1118004473

Enter rainfall for Region 6, Day 27 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 27: 1000488912

Enter rainfall for Region 6, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 28: 8585215

Enter rainfall for Region 6, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 29: 0

Enter rainfall for Region 6, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 6,
Day 30: 0

Enter rainfall for Region 7, Day 1 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 1: 0

Enter rainfall for Region 7, Day 2 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 2: 1591090462

Enter rainfall for Region 7, Day 3 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 3: 1090840356

Enter rainfall for Region 7, Day 4 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 4: -2060557863

Enter rainfall for Region 7, Day 5 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 5: 1591100742

Enter rainfall for Region 7, Day 6 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 6: 1591340742

Enter rainfall for Region 7, Day 7 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 7: 1591147159

Enter rainfall for Region 7, Day 8 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 8: 500220083

Enter rainfall for Region 7, Day 9 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 9: 9

Enter rainfall for Region 7, Day 10 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 10: 500464667

Enter rainfall for Region 7, Day 11 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 11: 1000684748

Enter rainfall for Region 7, Day 12 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 12: 1591638651

Enter rainfall for Region 7, Day 13 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 13: 0

Enter rainfall for Region 7, Day 14 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 14: 61742

Enter rainfall for Region 7, Day 15 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 15: 1090873307

Enter rainfall for Region 7, Day 16 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 16: 998151556

Enter rainfall for Region 7, Day 17 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 17: 1090873517

Enter rainfall for Region 7, Day 18 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 18: 0

Enter rainfall for Region 7, Day 19 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 19: 500466698

Enter rainfall for Region 7, Day 20 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 20: 1591104782

Enter rainfall for Region 7, Day 21 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 21: 1090873587

Enter rainfall for Region 7, Day 22 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 22: 500226604

Enter rainfall for Region 7, Day 23 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 23: 1000759852

Enter rainfall for Region 7, Day 24 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 24: 500297500

Enter rainfall for Region 7, Day 25 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 25: 998184892

Enter rainfall for Region 7, Day 26 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 26: 1090873532

Enter rainfall for Region 7, Day 27 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 27: 1000692876

Enter rainfall for Region 7, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 28: 1090873532

Enter rainfall for Region 7, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 29: 1000451252

Enter rainfall for Region 7, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 7,
Day 30: 1000691876

Enter rainfall for Region 8, Day 1 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 1: 500227388

Enter rainfall for Region 8, Day 2 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 2: 1000686132

Enter rainfall for Region 8, Day 3 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 3: 1000504576

Enter rainfall for Region 8, Day 4 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 4: 0

Enter rainfall for Region 8, Day 5 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 5: 0

Enter rainfall for Region 8, Day 6 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 6: 0

Enter rainfall for Region 8, Day 7 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 7: 0

Enter rainfall for Region 8, Day 8 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 8: -1128481604

Enter rainfall for Region 8, Day 9 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 9: -1128481604

Enter rainfall for Region 8, Day 10 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 10: 0

Enter rainfall for Region 8, Day 11 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 11: 0

Enter rainfall for Region 8, Day 12 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 12: 0

Enter rainfall for Region 8, Day 13 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 13: -931777229

Enter rainfall for Region 8, Day 14 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 14: 0

Enter rainfall for Region 8, Day 15 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 15: 0

Enter rainfall for Region 8, Day 16 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 16: 0

Enter rainfall for Region 8, Day 17 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 17: 0

Enter rainfall for Region 8, Day 18 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 18: 0

Enter rainfall for Region 8, Day 19 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 19: 0

Enter rainfall for Region 8, Day 20 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 20: 0

Enter rainfall for Region 8, Day 21 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 21: 0

Enter rainfall for Region 8, Day 22 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 22: 0

Enter rainfall for Region 8, Day 23 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 23: 0

Enter rainfall for Region 8, Day 24 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 24: 0

Enter rainfall for Region 8, Day 25 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 25: 0

Enter rainfall for Region 8, Day 26 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 26: 0

Enter rainfall for Region 8, Day 27 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 27: 0

Enter rainfall for Region 8, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 28: 0

Enter rainfall for Region 8, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 29: 0

Enter rainfall for Region 8, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 8,
Day 30: 0

Enter rainfall for Region 9, Day 1 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 1: 0

Enter rainfall for Region 9, Day 2 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 2: 0

Enter rainfall for Region 9, Day 3 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 3: 0

Enter rainfall for Region 9, Day 4 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 4: 0

Enter rainfall for Region 9, Day 5 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 5: 0

Enter rainfall for Region 9, Day 6 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 6: 0

Enter rainfall for Region 9, Day 7 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 7: 0

Enter rainfall for Region 9, Day 8 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 8: 0

Enter rainfall for Region 9, Day 9 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 9: 0

Enter rainfall for Region 9, Day 10 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 10: 0

Enter rainfall for Region 9, Day 11 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 11: 0

Enter rainfall for Region 9, Day 12 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 12: 0

Enter rainfall for Region 9, Day 13 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 13: 0

Enter rainfall for Region 9, Day 14 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 14: 0

Enter rainfall for Region 9, Day 15 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 15: 0

Enter rainfall for Region 9, Day 16 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 16: 0

Enter rainfall for Region 9, Day 17 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 17: 0

Enter rainfall for Region 9, Day 18 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 18: 0

Enter rainfall for Region 9, Day 19 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 19: 0

Enter rainfall for Region 9, Day 20 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 20: 0

Enter rainfall for Region 9, Day 21 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 21: 0

Enter rainfall for Region 9, Day 22 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 22: 0

Enter rainfall for Region 9, Day 23 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 23: 0

Enter rainfall for Region 9, Day 24 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 24: 0

Enter rainfall for Region 9, Day 25 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 25: 0

Enter rainfall for Region 9, Day 26 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 26: 0

Enter rainfall for Region 9, Day 27 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 27: 0

Enter rainfall for Region 9, Day 28 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 28: 0

Enter rainfall for Region 9, Day 29 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 29: 0

Enter rainfall for Region 9, Day 30 (4 intervals):

Interval 1: Interval 2: Interval 3: Interval 4: Total rainfall for Region 9,
Day 30: 0

Region 0 Analysis:

Day 1 Total Rainfall: 242

Day 2 Total Rainfall: 54

Day 3 Total Rainfall: 236

Day 4 Total Rainfall: 257
Day 5 Total Rainfall: 124
Day 6 Total Rainfall: 257
Day 7 Total Rainfall: 254
Day 8 Total Rainfall: 304
Day 9 Total Rainfall: 59
Day 10 Total Rainfall: 230
Day 11 Total Rainfall: 335
Day 12 Total Rainfall: 283
Day 13 Total Rainfall: 493
Day 14 Total Rainfall: 301
Day 15 Total Rainfall: 326
Day 16 Total Rainfall: 304
Day 17 Total Rainfall: 314
Day 18 Total Rainfall: 312
Day 19 Total Rainfall: 337
Day 20 Total Rainfall: 270
Day 21 Total Rainfall: 283
Day 22 Total Rainfall: 256
Day 23 Total Rainfall: 277
Day 24 Total Rainfall: 123
Day 25 Total Rainfall: 132
Day 26 Total Rainfall: 104

Day 27 Total Rainfall: 2189606

Day 28 Total Rainfall: 2209928

Day 29 Total Rainfall: 79200

Day 30 Total Rainfall: 2198472

Highest rainfall was on Day 28 with 2209928 mm.

Region 1 Analysis:

Day 1 Total Rainfall: 4405120

Day 2 Total Rainfall: 928

Day 3 Total Rainfall: 16

Day 4 Total Rainfall: 1696

Day 5 Total Rainfall: 896

Day 6 Total Rainfall: 56

Day 7 Total Rainfall: 904

Day 8 Total Rainfall: 1792

Day 9 Total Rainfall: 136

Day 10 Total Rainfall: 15

Day 11 Total Rainfall: 4375008

Day 12 Total Rainfall: 2189568

Day 13 Total Rainfall: 152

Day 14 Total Rainfall: 1685383335

Day 15 Total Rainfall: 1696

Day 16 Total Rainfall: 96

Day 17 Total Rainfall: 500270254

Day 18 Total Rainfall: 1000690388

Day 19 Total Rainfall: -1550939007

Day 20 Total Rainfall: 1000491213

Day 21 Total Rainfall: 500226712

Day 22 Total Rainfall: 1591335230

Day 23 Total Rainfall: 1090870560

Day 24 Total Rainfall: -1550938007

Day 25 Total Rainfall: 1125929975

Day 26 Total Rainfall: 500232762

Day 27 Total Rainfall: 498024132

Day 28 Total Rainfall: 1588792094

Day 29 Total Rainfall: -2113259604

Day 30 Total Rainfall: 4

Highest rainfall was on Day 14 with 1685383335 mm.

Region 2 Analysis:

Day 1 Total Rainfall: -920255325

Day 2 Total Rainfall: 3

Day 3 Total Rainfall: -2051164689

Day 4 Total Rainfall: 1588895040

Day 5 Total Rainfall: 1591088966

Day 6 Total Rainfall: 1591144743

Day 7 Total Rainfall: 500219836
Day 8 Total Rainfall: 1
Day 9 Total Rainfall: 500217339
Day 10 Total Rainfall: 1000437172
Day 11 Total Rainfall: 500218219
Day 12 Total Rainfall: 0
Day 13 Total Rainfall: 0
Day 14 Total Rainfall: 1715027667
Day 15 Total Rainfall: 1000691108
Day 16 Total Rainfall: 968961781
Day 17 Total Rainfall: 0
Day 18 Total Rainfall: 0
Day 19 Total Rainfall: 500466708
Day 20 Total Rainfall: 1000323228
Day 21 Total Rainfall: 497891425
Day 22 Total Rainfall: 1000768677
Day 23 Total Rainfall: 1
Day 24 Total Rainfall: 1000548388
Day 25 Total Rainfall: 1591090790
Day 26 Total Rainfall: 1591340214
Day 27 Total Rainfall: 500313807
Day 28 Total Rainfall: 4096
Day 29 Total Rainfall: 1589395094

Day 30 Total Rainfall: 31

Highest rainfall was on Day 14 with 1715027667 mm.

Region 3 Analysis:

Day 1 Total Rainfall: 1229801104

Day 2 Total Rainfall: 4063236

Day 3 Total Rainfall: 245455

Day 4 Total Rainfall: 5886256

Day 5 Total Rainfall: 8454234

Day 6 Total Rainfall: 128

Day 7 Total Rainfall: 848

Day 8 Total Rainfall: 792

Day 9 Total Rainfall: 1982007

Day 10 Total Rainfall: 3964000

Day 11 Total Rainfall: 56

Day 12 Total Rainfall: -256

Day 13 Total Rainfall: 16843004

Day 14 Total Rainfall: 1211761176

Day 15 Total Rainfall: 95

Day 16 Total Rainfall: -1169512517

Day 17 Total Rainfall: 3480

Day 18 Total Rainfall: 96

Day 19 Total Rainfall: 1

Day 20 Total Rainfall: 0

Day 21 Total Rainfall: 500270246

Day 22 Total Rainfall: 1000690388

Day 23 Total Rainfall: 503393426

Day 24 Total Rainfall: 1000491213

Day 25 Total Rainfall: 500226719

Day 26 Total Rainfall: 1591336254

Day 27 Total Rainfall: 1090871584

Day 28 Total Rainfall: 503394398

Day 29 Total Rainfall: 1090921079

Day 30 Total Rainfall: 500219514

Highest rainfall was on Day 26 with 1591336254 mm.

Region 4 Analysis:

Day 1 Total Rainfall: 498016420

Day 2 Total Rainfall: 1588793214

Day 3 Total Rainfall: 1090871776

Day 4 Total Rainfall: 4

Day 5 Total Rainfall: 0

Day 6 Total Rainfall: 0

Day 7 Total Rainfall: 3167716

Day 8 Total Rainfall: 1588888352

Day 9 Total Rainfall: 1591089990

Day 10 Total Rainfall: 1591145767

Day 11 Total Rainfall: 500219836

Day 12 Total Rainfall: 1

Day 13 Total Rainfall: 500217339

Day 14 Total Rainfall: 1000437172

Day 15 Total Rainfall: 502200247

Day 16 Total Rainfall: 0

Day 17 Total Rainfall: 6

Day 18 Total Rainfall: -1

Day 19 Total Rainfall: 1000691276

Day 20 Total Rainfall: 16

Day 21 Total Rainfall: 1687567942

Day 22 Total Rainfall: 1093061996

Day 23 Total Rainfall: 1090873593

Day 24 Total Rainfall: 1000323292

Day 25 Total Rainfall: 645417417

Day 26 Total Rainfall: 1000763909

Day 27 Total Rainfall: 1

Day 28 Total Rainfall: 1000563132

Day 29 Total Rainfall: 1090874540

Day 30 Total Rainfall: 1090874677

Highest rainfall was on Day 21 with 1687567942 mm.

Region 5 Analysis:

Day 1 Total Rainfall: 823017041

Day 2 Total Rainfall: 322714192

Day 3 Total Rainfall: 1090874692

Day 4 Total Rainfall: 1000580164

Day 5 Total Rainfall: 1000715636

Day 6 Total Rainfall: -988249591

Day 7 Total Rainfall: 73599

Day 8 Total Rainfall: 1090871964

Day 9 Total Rainfall: 500218634

Day 10 Total Rainfall: 6

Day 11 Total Rainfall: 500466698

Day 12 Total Rainfall: 1591114971

Day 13 Total Rainfall: 500493637

Day 14 Total Rainfall: 500239782

Day 15 Total Rainfall: 500241051

Day 16 Total Rainfall: 0

Day 17 Total Rainfall: 0

Day 18 Total Rainfall: 0

Day 19 Total Rainfall: 95

Day 20 Total Rainfall: -1169512517

Day 21 Total Rainfall: 3480

Day 22 Total Rainfall: 96

Day 23 Total Rainfall: 1

Day 24 Total Rainfall: 0

Day 25 Total Rainfall: 0

Day 26 Total Rainfall: 0

Day 27 Total Rainfall: 0

Day 28 Total Rainfall: 0

Day 29 Total Rainfall: 0

Day 30 Total Rainfall: 0

Highest rainfall was on Day 12 with 1591114971 mm.

Region 6 Analysis:

Day 1 Total Rainfall: 0

Day 2 Total Rainfall: 500464666

Day 3 Total Rainfall: 1090873532

Day 4 Total Rainfall: 500464666

Day 5 Total Rainfall: 0

Day 6 Total Rainfall: 0

Day 7 Total Rainfall: 0

Day 8 Total Rainfall: -2147483256

Day 9 Total Rainfall: 0

Day 10 Total Rainfall: 0

Day 11 Total Rainfall: 0

Day 12 Total Rainfall: 0

Day 13 Total Rainfall: 0

Day 14 Total Rainfall: 0

Day 15 Total Rainfall: 0

Day 16 Total Rainfall: 0

Day 17 Total Rainfall: 0

Day 18 Total Rainfall: 500270246

Day 19 Total Rainfall: 998138356

Day 20 Total Rainfall: -2060640339

Day 21 Total Rainfall: 1000491461

Day 22 Total Rainfall: 497994144

Day 23 Total Rainfall: 1591090318

Day 24 Total Rainfall: 1090872976

Day 25 Total Rainfall: -2060557863

Day 26 Total Rainfall: 1118004473

Day 27 Total Rainfall: 1000488912

Day 28 Total Rainfall: 8585215

Day 29 Total Rainfall: 0

Day 30 Total Rainfall: 0

Highest rainfall was on Day 23 with 1591090318 mm.

Region 7 Analysis:

Day 1 Total Rainfall: 0

Day 2 Total Rainfall: 1591090462

Day 3 Total Rainfall: 1090840356
Day 4 Total Rainfall: -2060557863
Day 5 Total Rainfall: 1591100742
Day 6 Total Rainfall: 1591340742
Day 7 Total Rainfall: 1591147159
Day 8 Total Rainfall: 500220083
Day 9 Total Rainfall: 9
Day 10 Total Rainfall: 500464667
Day 11 Total Rainfall: 1000684748
Day 12 Total Rainfall: 1591638651
Day 13 Total Rainfall: 0
Day 14 Total Rainfall: 61742
Day 15 Total Rainfall: 1090873307
Day 16 Total Rainfall: 998151556
Day 17 Total Rainfall: 1090873517
Day 18 Total Rainfall: 0
Day 19 Total Rainfall: 500466698
Day 20 Total Rainfall: 1591104782
Day 21 Total Rainfall: 1090873587
Day 22 Total Rainfall: 500226604
Day 23 Total Rainfall: 1000759852
Day 24 Total Rainfall: 500297500
Day 25 Total Rainfall: 998184892

Day 26 Total Rainfall: 1090873532

Day 27 Total Rainfall: 1000692876

Day 28 Total Rainfall: 1090873532

Day 29 Total Rainfall: 1000451252

Day 30 Total Rainfall: 1000691876

Highest rainfall was on Day 12 with 1591638651 mm.

Region 8 Analysis:

Day 1 Total Rainfall: 500227388

Day 2 Total Rainfall: 1000686132

Day 3 Total Rainfall: 1000504576

Day 4 Total Rainfall: 0

Day 5 Total Rainfall: 0

Day 6 Total Rainfall: 0

Day 7 Total Rainfall: 0

Day 8 Total Rainfall: -1128481604

Day 9 Total Rainfall: -1128481604

Day 10 Total Rainfall: 0

Day 11 Total Rainfall: 0

Day 12 Total Rainfall: 0

Day 13 Total Rainfall: -931777229

Day 14 Total Rainfall: 0

Day 15 Total Rainfall: 0

Day 16 Total Rainfall: 0

Day 17 Total Rainfall: 0

Day 18 Total Rainfall: 0

Day 19 Total Rainfall: 0

Day 20 Total Rainfall: 0

Day 21 Total Rainfall: 0

Day 22 Total Rainfall: 0

Day 23 Total Rainfall: 0

Day 24 Total Rainfall: 0

Day 25 Total Rainfall: 0

Day 26 Total Rainfall: 0

Day 27 Total Rainfall: 0

Day 28 Total Rainfall: 0

Day 29 Total Rainfall: 0

Day 30 Total Rainfall: 0

Highest rainfall was on Day 2 with 1000686132 mm.

Region 9 Analysis:

Day 1 Total Rainfall: 0

Day 2 Total Rainfall: 0

Day 3 Total Rainfall: 0

Day 4 Total Rainfall: 0

Day 5 Total Rainfall: 0

Day 6 Total Rainfall: 0
Day 7 Total Rainfall: 0
Day 8 Total Rainfall: 0
Day 9 Total Rainfall: 0
Day 10 Total Rainfall: 0
Day 11 Total Rainfall: 0
Day 12 Total Rainfall: 0
Day 13 Total Rainfall: 0
Day 14 Total Rainfall: 0
Day 15 Total Rainfall: 0
Day 16 Total Rainfall: 0
Day 17 Total Rainfall: 0
Day 18 Total Rainfall: 0
Day 19 Total Rainfall: 0
Day 20 Total Rainfall: 0
Day 21 Total Rainfall: 0
Day 22 Total Rainfall: 0
Day 23 Total Rainfall: 0
Day 24 Total Rainfall: 0
Day 25 Total Rainfall: 0
Day 26 Total Rainfall: 0
Day 27 Total Rainfall: 0
Day 28 Total Rainfall: 0

Day 29 Total Rainfall: 0

Day 30 Total Rainfall: 0

Highest rainfall was on Day 0 with 0 mm.