

# Weather App

## 1. Current Conditions

**Screens:** Main Dashboard, Location Header, Live Weather Feed

**Interaction:**

- View real-time temp/humidity/wind
- See "feels like" temperature
- Check UV index and air quality

## 2. 5-Day Forecast

**Screens:** Forecast Carousel, Day Detail Panel, Hourly Breakdown

**Interaction:**

- Swipe through daily predictions
- Tap days for detailed hourly forecasts
- View precipitation probability graphs

## 3. Location Saving

**Screens:** Saved Places Manager, Add Location Dialog, Quick-Switch Menu

**Interaction:**

- Save home/work/favorite locations
- Reorder priority of saved places
- Instant switching between locations

## 4. Weather Alerts

**Screens:** Alert Inbox, Warning Details, Safety Tips

**Interaction:**

- Receive push notifications for warnings

- View alert severity and duration
- Access preparedness guidelines

## 5. Radar Maps

**Screens:** Interactive Radar, Storm Tracker, Precipitation Layers

**Interaction:**

- Pinch-to-zoom live radar imagery
- Play animation of storm movement
- Toggle between rain/snow/satellite views

## 6. Unit Conversion

**Screens:** Settings Panel, Unit Selector, Live Preview

**Interaction:**

- Switch between Fahrenheit/Celsius
- Change wind speed units (mph/kph)
- Adjust pressure (inHg/mb)

## 7. Sunrise/Sunset

**Screens:** Day/Night Tracker, Golden Hour Calculator, Moon Phase

**Interaction:**

- View daily sun/moon times
- See remaining daylight duration
- Check moonrise/moonset times

## 8. Historical Data

**Screens:** Weather Archive, Date Picker, Comparison Tool

**Interaction:**

- Look up past weather by date

- Compare seasonal averages
- View record highs/lows

## 9. Share Feature

**Screens:** Share Sheet, Custom Message Editor, Social Preview

**Interaction:**

- Generate weather snapshots
- Share via messaging/social apps
- Include personalized notes

## 10. Widget Support

**Screens:** Widget Gallery, Customization Panel, Live Preview

**Interaction:**

- Add home screen widgets
- Choose widget size/style
- Configure data displays