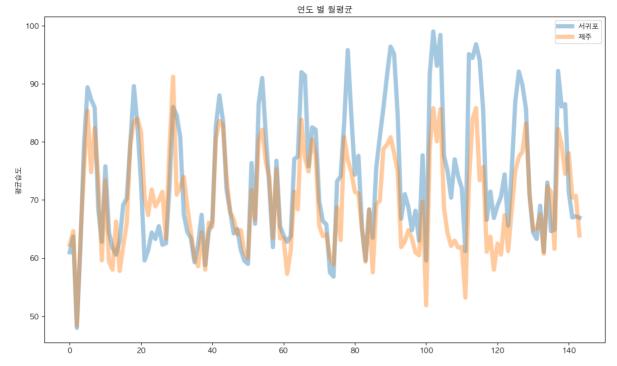
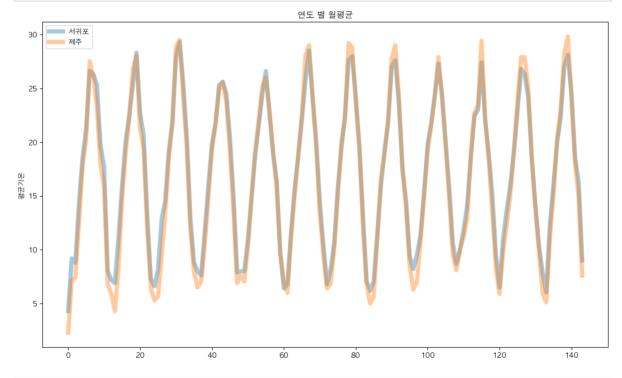
```
In [1]:
        import pandas as pd
        import matplotlib.pyplot as plt
        plt.rc('font',family='AppleGothic')
        df humid=pd.read csv('./raw data/서귀포 humid .csv',encoding='cp949',header=[]
In [2]:
        df temp=pd.read csv('./raw data/서귀포 temp .csv',encoding='cp949',header=[7]]
        df temp.reset index(inplace=True)
        df temp.columns = list(df temp.columns)[1:] + ['asdf']
        df 서귀포=df temp.loc[:,['지점명', '일시', '평균기온(♡)']].merge(df humid.loc[:,['기
In [3]: df humid=pd.read csv('./raw data/제주 humid .csv',encoding='cp949',header=[7]
        df temp=pd.read csv('./raw data/제주 temp .csv',encoding='cp949',header=[7])
        df_temp.reset_index(inplace=True)
        df temp.columns = list(df temp.columns)[1:] + ['asdf']
        df_제주=df_temp.loc[:,['지점명', '일시', '평균기온(℃)']].merge(df_humid.loc[:,['지점
In [4]:
       df main=pd.concat([df 서귀포,df 제주])
In [5]:
        df main.set index('일시',inplace=True)
        df main.index = pd.to datetime( df main.index,format="%Y-%m-%d")
        df_main['year'] = df_main.index.year
        df main['month'] = df main.index.month
        df main[df main['지점명']=='서귀포'].groupby(['year','month']).median(numeric_o
In [6]:
               61.00
Out[6]:
               63.70
        1
        2
               48.00
        3
               61.95
               79.40
               . . .
        139
               86.50
        140
               71.40
        141
               67.00
        142
               67.20
        143
               66.95
        Name: 평균습도(%rh), Length: 144, dtype: float64
In [7]: df main[df main['지점명']=='서귀포'].groupby(['year','month']).median(numeric_o
        df_main[df_main['지점명']=='제주'].groupby(['year','month']).median(numeric_on]
        plt.legend()
        plt.ylabel('평균습도')
        plt.tight_layout()
        plt.title('연도 별 월평균')
        plt.show(
```

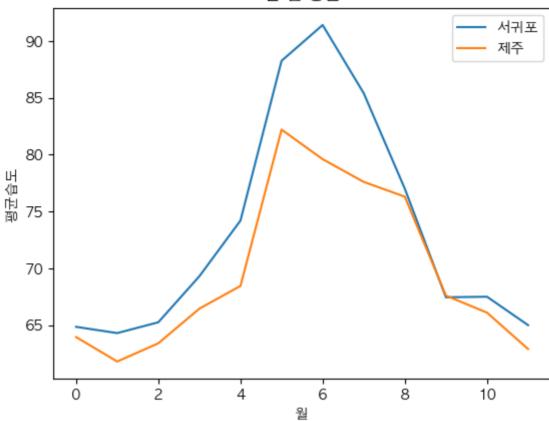


```
In [8]: df_main[df_main['지점명']=='서귀포'].groupby(['year','month']).median(numeric_o df_main[df_main['지점명']=='제주'].groupby(['year','month']).median(numeric_onl plt.legend() plt.ylabel('평균기온') plt.tight_layout() plt.title('연도 별 월평균') plt.show()
```



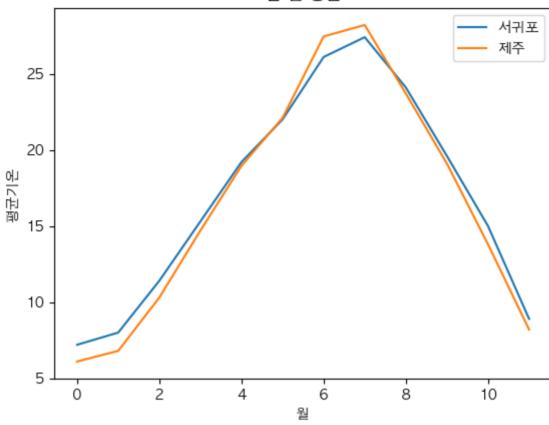
```
In [9]: df_main.groupby(['지점명','month']).median().reset_index()[df_main.groupby(['7 df_main.groupby(['지점명','month']).median().reset_index()[df_main.groupby(['7 plt.ylabel('평균습도') plt.xlabel('월') plt.legend() plt.title('연 월 평균') plt.show()
```





```
In [10]: df_main.groupby(['지점명','month']).median().reset_index()[df_main.groupby(['건 df_main.groupby(['건 plt.ylabel('평균기온') plt.xlabel('월') plt.title('연 월 평균') plt.legend() plt.show()
```

연 월 평균



In []: