

```
1 *****;
2 * Using Date Functions *;
3 *****;
4 * Syntax *;
5 * *;
6 * Date function examples: *;
7 * YEAR (SAS-date) *;
8 * MONTH (SAS-date) *;
9 * DAY (SAS-date) *;
10 * WEEKDAY (SAS-date) *;
11 * TODAY () *;
12 * MDY (month, day, year) *;
13 * YRDIF (startdate, enddate, 'AGE') *;
14 *****;
15
16 *****;
17
18 * Demo *;
19 * 1) Create the column YearsPassed and use the YRDIF *;
20 * function. The difference in years should be based *;
21 * on each Date value and today's date. *;
22 * 2) Create Anniversary as the day and month of each *;
23 * storm in the current year. *;
24 * 3) Format YearsPassed to round the value to one *;
25 * decimal place, and Date and Anniversary as *;
26 * MM/DD/YYYY. Highlight the DATA step and run the *;
27 * selected code. *;
28 *****;
29
30 data storm_new;
31 set pg1.storm_damage;
32 drop Summary;
33 *Add assignment and FORMAT statements;
34 YearsPassed = YRDIF(Date,today(),'AGE');
35 Anniversary=mdy(month(Date),day(Date),year(today()));
36 format YearsPassed 4.1 Date Anniversary mmddyy10.;
37
38 run;
39
```