DECLARE @FirstDate DATE

DECLARE @LastDate DATE

SET @FirstDate = '1 Jan 2008' -- Enter first date of calendar as 'dd mmm yyyy'

SET @LastDate = '31 Dec 2015' -- Enter last date of calendar as 'dd mmm yyyy'

IF @FirstDate IS NULL OR @FirstDate = ''

 BEGIN

 SET @FirstDate = '1 Jan 2000'

 END

IF @LastDate IS NULL OR @LastDate = ''

 OR @LastDate < @FirstDate

 OR DATEDIFF(DAY, @FirstDate, @LastDate) > 10000

 BEGIN

 SET @LastDate = DATEADD(DAY, 10000, @FirstDate)

 END

 ;WITH CTE\_DatesTable

 AS

 (

 SELECT @FirstDate AS [Date]

 UNION ALL

 SELECT DATEADD(DAY, 1, [Date])

 FROM CTE\_DatesTable

 WHERE DATEADD(DAY, 1, [Date]) <= @LastDate

 )

 SELECT

 Date,

 DATEPART(DAYOFYEAR, Date) AS DayOfYear,

 DATEPART(DAY, Date) AS Day,

 DATEPART(MONTH, Date) AS Month,

 DATEPART(YEAR, Date) AS Year,

 DATENAME(WEEKDAY, Date) AS DayOfWeek,

 LEFT(DATENAME(WEEKDAY, Date),3) AS DayOfWeekAbr,

 DATEPART(WEEK, Date) AS WeekOfYear,

 DATEPART(QUARTER, Date) AS Quarter,

 DATENAME(MONTH, Date) AS MonthName,

 LEFT(DATENAME(MM, Date),3) AS MonthNameAbr,

 DATEADD(DAY, -1, DATEADD(MONTH, 1, DATEADD(DAY, (DATEPART(DAY,

DATE) \* -1) +1, Date))) AS MonthEndDate

 FROM

 CTE\_DatesTable

 OPTION (MAXRECURSION 10000)