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)